APPENDIX O

Imported Materials Facility Documentation

Submitted Under Separate Cover

LANGAN

Lauren Kott

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Friday, March 29, 2024 1:59 PM
To: Lauren Kott
Cc: Amanda Forsburg; Obligado, Andre A (DEC)
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen #4 Stone, Braen #5 Stone, and Tilcon #4 Stone

Hi Lauren,

The Department has reviewed the following import requests from:

Tilcon, Mine Registration Certificate No:004851

- 3,000 CY of NY 2 ASTM 5 stone proposed to be imported to the Site from the Tilcon Mount Hope Quarry in Wharton, New Jersey, to be used as a truck wash, crane pads, and temporary roads.
- 3,000 CY of ASTM 4 stone proposed to be imported to the Site from the Tilcon Mount Hope Quarry in Wharton, New Jersey, to be used as a truck wash, crane pads, and temporary roads.

Braen, Mine Registration Certificate No: 004863

- 3,000 CY of #4 stone proposed to be imported to the Site from the Braen Stone of Sparta Quarry in Lafayette, New Jersey, to be used as a truck wash, crane pads, and temporary roads.
- 1,000 CY of #5 stone proposed to be imported to the Site from the Braen Stone of Sparta Quarry in Lafayette, New Jersey, to be used for drainage areas, miscellaneous pads, and temporary roads.

Based on the information provided, the request is hereby approved.

The proposed fill material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in section 5.4(e)5 of DER-10.

Testing in accordance with DER-10 and the Remedial Design Work Plan and approval by the Department is required for any additional material imported from this source. Please ensure any material stockpiled on site is secured and covered.

Thank you for summarizing the requests,
Steven

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov | | |

NEW YORK STATE | Department of Environmental Conservation

From: Lauren Kott <lkott@langan.com>
Sent: Thursday, March 28, 2024 4:05 PM

To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Cc: aforsburg@langan.com
Subject: RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen #4 Stone, Braen #5 Stone, and Tilcon #4 Stone

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Steven,

Please disregard the Tilcon submission from yesterday. Please see the attached for two Tilcon submissions for proposed stone import for the Flatlands Avenue Site.

Tilcon

- Up to 3,000 CY of NY 2 ASTM 5 stone proposed to be imported to the Site from the Tilcon Mount Hope Quarry in Wharton, New Jersey, to be used as a truck wash, crane pads, and temporary roads.
- Up to 3,000 CY of ASTM 4 stone proposed to be imported to the Site from the Tilcon Mount Hope Quarry in Wharton, New Jersey, to be used as a truck wash, crane pads, and temporary roads.

A letter describing the material, a gradation report, and the current permit are included for each request.

Can you kindly review and advise if these are approved?

As a note, the following import forms were sent to you yesterday and are still waiting for approval:

Braen

- Up to 3,000 CY of #4 stone proposed to be imported to the Site from the Braen Stone of Sparta Quarry in Lafayette, New Jersey, to be used as a truck wash, crane pads, and temporary roads.
- Up to 1,000 CY of #5 stone proposed to be imported to the Site from the Braen Stone of Sparta Quarry in Lafayette, New Jersey, to be used for drainage areas, miscellaneous pads, and temporary roads.

Apologies for the confusion! Let me know if you have any questions. Thank you!

Lauren Kott, PE
Senior Staff Engineer

LANGAN

Direct: 973.560.4807
Mobile: 908.752.1870
File Sharing Link
www.langan.com

NEW JERSEY NEW YORK CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC
OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

From: Amanda Forsburg <aforsburg@Langan.com>
Sent: Wednesday, March 27, 2024 2:44 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>

Cc: Lauren Kott <lkott@langan.com>
Subject: 12096 Flatlands Avenue (C224290) Request to Import - Braen #4 Stone, Braen #5 Stone, and Tilcon #4 Stone

Good afternoon Steven,

We have started receiving submissions for proposed stone import for the Flatlands Avenue Site. I have attached three *Request to Import* forms for your review, which are summarized below.

Braen

- Up to 3,000 CY of #4 stone proposed to be imported to the Site from the Braen Stone of Sparta Quarry in Lafayette, New Jersey, to be used as a truck wash, crane pads, and temporary roads.
- Up to 1,000 CY of #5 stone proposed to be imported to the Site from the Braen Stone of Sparta Quarry in Lafayette, New Jersey, to be used for drainage areas, miscellaneous pads, and temporary roads.

Tilcon

- Up to 3,000 CY of #4 stone proposed to be imported to the Site from the Tilcon Mount Hope Quarry in Wharton, New Jersey, to be used as a truck wash, crane pads, and temporary roads.

A letter describing the material, a gradation report, and the current permit are included for each request.

Can you kindly review and advise if these are approved? As a note, we expect that additional requests will be forthcoming.

Thank you,

Amanda

Amanda Forsburg, CHMM
Associate Principal

LANGAN

Direct: 973.560.4574
Mobile: 201.615.9726
File Sharing Link

Phone: 973.560.4900 Fax: 973.560.4901
300 Kimball Drive
4th Floor
Parsippany, NJ 07054-2172
www.langan.com

NEW JERSEY NEW YORK CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC
OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Unrestricted

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 3000

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that passes a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Material consists of approximately 3000 CY of #4, 1.5-inch clean stone to be used as truck wash, crane pads and temporary roads. Stone is generated from a mine. As such, analytical results are not provided.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

See above.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Russ Berger, Director of Quality Control

Location where fill was obtained:

Braen Royalties at 217 Limecrest Rd, Lafayette, NJ

Identification of any state or local approvals as a fill source:

Mine Certification No. 004863

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Source facility letters and gradation results provided

The information provided on this form is accurate and complete.



Signature

3/26/2024

Date

Lauren Kott

Print Name

Langan

Firm

•#4 Stone, 1.5" Stone – Use as truck wash, crane pads and temp roads - approx. 3000CY

03/15/2024

This is a typical gradation of the Washed Septic Stone, and will be within our tolerances of this target during production.

004W-#4 Washed Septic Stone

Procedure	Sieve/Test	Average	Unit	NJDOT No.4
AASHTO T 27-11	2" (50mm)	100.0	%	100-100
	1 1/2" (37.5mm)	99.4	%	90-100
	1" (25mm)	43.1	%	20-55
	3/4" (19mm)	6.5	%	0-15
	1/2" (12.5mm)	1.1	%	
	3/8" (9.5mm)	0.6	%	0-5

Braen Stone of Sparta 217 Limecrest Road, Lafayette, NJ 07848 - Crushed Stone, Washed Sand Products, and Certified Fill, are extracted, blended, and/or manufactured from the following virgin material sources: granite-gneiss stone deposit; naturally occurring overburden soil material, located on Block 11001, 1.02, 108.01; Lot 1,171,172,173,174,1,2,4,5, 1, Borough of Sparta, Sussex County, The NYSDOT Source Numbers course aggregate 8-44R, and the fine aggregate 8-44RFM. NJ Mine Registration Number is 004863.
To the best of our knowledge this material contained no hazardous or contaminated materials prior to shipment.

If you have any questions, please call Russ Berger at 973-720-6443 or email RBerger@braenstone.com

Signature

Name/Title Russ Berger / Director of Quality Control

BRAEN STONE OF SPARTA
PLANT LOCATION: 217 LIMECREST ROAD ~ LAFAYETTE, NJ 07848

P.O. BOX 8246 ♦
HALEDON, NJ 07538
973.383.7100 ♦
FAX: 973.383.1408
www.braenstone.com

March 18, 2024

All Suffolk Materials Inc.
910 Middle Country Rd.
Selden, NY 11784

RE: Supplier - Braen Stone of Sparta - # 57 Stone, #4 (1-½"), # 3 (2") Stone
Project - 12096 Flatlands Ave., Brooklyn, NY
Contractor - All Suffolk Materials Inc

Dear Madam\Sir,

This letter is to certify that the **Material** to be supplied to the above-referenced project was extracted, blended, and/or manufactured from our 100% virgin material source: granite-gneiss stone deposit. These materials quarried are located on Block 11001, 1.02, 108.01; Lot 1,171,172,173,174,1,2,4,5, 1, Borough of Sparta, Sussex County, New Jersey, commonly known as 217 Limecrest Road of Lafayette. NJ Mine Registration # 004863.

All materials currently approved by the New York State Department of Transportation appear on their QPL list of fine and coarse aggregates. Our current source numbers are coarse aggregate 8-44R NYSDOT Test number 23AR053 and fine products 8-44RFM NYSDOT Test number 23AF083.

NYS QPL;

https://www.dot.ny.gov/divisions/engineering/technical-services/materials-bureau/fine-coarse-aggregates

To the best of our knowledge, this material contained no hazardous or contaminated materials prior to shipment.

If we can further assist, please contact us at the number listed.

Respectfully,
Braen Stone of Sparta

Russ Berger
Director of Quality Control

Cc: File

Philip D. Murphy
Governor

Sheila Y. Oliver
Lieutenant Governor

State of New Jersey
DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT
LABOR STANDARDS AND SAFETY ENFORCEMENT
DIVISION OF PUBLIC SAFETY & OCCUPATIONAL SAFETY & HEALTH
Office of Safety Compliance
P.O. Box 386
Trenton, NJ 08625-0386
(609) 292-2096 • Fax: (609) 777-4589

Robert Asaro-Angelo
Commissioner

Certificate No: 004863

Expiration Date: 03/31/2024

MINE REGISTRATION CERTIFICATE

ISSUED TO: Braen Royalties

LOCATION: Braen Royalties
217 Limecrest Rd
Lafayette, NJ

BLK NO(S): SEE BELOW

LOT NO(S): SEE BELOW

COUNTY: Sussex

FEE: $3,000.00

Issued pursuant to the provisions of N.J.S.A 34:6-98.1 et. seq. Failure to comply with the provisions of the Act, and the Rules promulgated thereunder, shall be good cause for the revocation of this Certificate.

RA Angelo

Commissioner

THIS CERTIFICATE MUST BE POSTED AT ALL TIMES

BLOCK NO(S)	LOT NO(S)
217 Limecrest Rd	
11001, 1.02, 108.01	1, 171, 172, 173, 174, 1, 2, 4, 5, 1

MAILED
03/08/23

Lauren Kott

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Friday, March 29, 2024 1:59 PM
To: Lauren Kott
Cc: Amanda Forsburg; Obligado, Andre A (DEC)
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Based on the information provided, the request is hereby approved.

The proposed fill material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in section 5.4(e)5 of DER-10.

Testing in accordance with DER-10 and the Remedial Design Work Plan and approval by the Department is required for any additional material imported from this source. Please ensure any material stockpiled on site is secured and covered.

Thank you for summarizing the requests,
Steven

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
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Apologies for the confusion! Let me know if you have any questions. Thank you!

Lauren Kott, PE
Senior Staff Engineer

LANGAN

Direct: 973.560.4807
Mobile: 908.752.1870
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www.langan.com

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OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

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Sent: Wednesday, March 27, 2024 2:44 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>

Cc: Lauren Kott <lkott@langan.com>
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A letter describing the material, a gradation report, and the current permit are included for each request.

Can you kindly review and advise if these are approved? As a note, we expect that additional requests will be forthcoming.

Thank you,

Amanda

Amanda Forsburg, CHMM
Associate Principal

LANGAN

Direct: 973.560.4574
Mobile: 201.615.9726
File Sharing Link

Phone: 973.560.4900 Fax: 973.560.4901
300 Kimball Drive
4th Floor
Parsippany, NJ 07054-2172
www.langan.com

NEW JERSEY NEW YORK CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC
OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Unrestricted

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 800-1000

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that passes a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Material consists of approximately 1000 cubic yards of 005-NJDOT #5/ NYSDOT 2, 0.75-inch clean stone for drainage areas, miscellaneous pads and temporary roads. Stone is generated from a mine. As such, analytical results are not provided.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

See above.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Russ Berger, Director of Quality Control

Location where fill was obtained:

Braen Royalties at 217 Limecrest Rd, Lafayette, NJ

Identification of any state or local approvals as a fill source:

Mine Certification No. 004863

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Source facility letters and gradation results provided

The information provided on this form is accurate and complete.



Signature

3/26/2024

Date

Lauren Kott

Print Name

Langan

Firm

#5 Stone, ¾" Stone– Use for drainage areas, below slab if needed, miscellaneous pads or temp roads
- approx 1000cy

03/15/2024

Dear Customer,

The values presented below represent typical grading (% Passing) and typical physical property values for this product. We do not expect any changes to this product for the duration of the project.

005-NJDOT # 5 / NYSDOT 2

Procedure	Sieve/Test	Average	Unit	Gas Permeable
	1 1/2" (37.5mm)	100.0	%	≥100
	1" (25mm)	91.0	%	90-100
	3/4" (19mm)	48.0	%	45-60
	1/2" (12.5mm)	2.5	%	≤5
	3/8" (9.5mm)	1.3	%	≤5
	#80 (.18mm)	0.5	%	0-5
	#200 (75µm)	0.21	%	≤3

Braen Stone of Sparta 217 Limecrest Road, Lafayette, NJ 07848 - Crushed Stone, Washed Sand Products, and Certified Fill, are extracted, blended, and/or manufactured from the following virgin material sources: granite-gneiss stone deposit; naturally occurring overburden soil material, located on Block 11001, 1.02, 108.01; Lot 1,171,172,173,174,1,2,4,5, 1, Borough of Sparta, Sussex County, The NYSDOT Source Numbers course aggregate 8-44R, and the fine aggregate 8-44RFM. NJ Mine Registration Number is 004863.
To the best of our knowledge this material contained no hazardous or contaminated materials prior to shipment.

If you have any questions, please call Russ Berger at 973-720-6443 or email RBerger@braenstone.com

Signature

Name/Title Russ Berger / Director of Quality Control

BRAEN STONE OF SPARTA
PLANT LOCATION: 217 LIMECREST ROAD ~ LAFAYETTE, NJ 07848

P.O. BOX 8246 ♦
HALEDON, NJ 07538
973.383.7100 ♦
FAX: 973.383.1408
www.braenstone.com

March 18, 2024

All Suffolk Materials Inc.
910 Middle Country Rd.
Selden, NY 11784

RE: Supplier - Braen Stone of Sparta - # 57 Stone, #4 (1-½"), # 3 (2") Stone
Project - 12096 Flatlands Ave., Brooklyn, NY
Contractor - All Suffolk Materials Inc

Dear Madam\Sir,

This letter is to certify that the **Material** to be supplied to the above-referenced project was extracted, blended, and/or manufactured from our 100% virgin material source: granite-gneiss stone deposit. These materials quarried are located on Block 11001, 1.02, 108.01; Lot 1,171,172,173,174,1,2,4,5, 1, Borough of Sparta, Sussex County, New Jersey, commonly known as 217 Limecrest Road of Lafayette. NJ Mine Registration # 004863.

All materials currently approved by the New York State Department of Transportation appear on their QPL list of fine and coarse aggregates. Our current source numbers are coarse aggregate 8-44R NYSDOT Test number 23AR053 and fine products 8-44RFM NYSDOT Test number 23AF083.

NYS QPL;

https://www.dot.ny.gov/divisions/engineering/technical-services/materials-bureau/fine-coarse-aggregates

To the best of our knowledge, this material contained no hazardous or contaminated materials prior to shipment.

If we can further assist, please contact us at the number listed.

Respectfully,
Braen Stone of Sparta

Russ Berger
Director of Quality Control

Cc: File

- Submit updated MineCert

Philip D. Murphy
Governor

Sheila Y. Oliver
Lieutenant Governor

State of New Jersey
DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT
LABOR STANDARDS AND SAFETY ENFORCEMENT
DIVISION OF PUBLIC SAFETY & OCCUPATIONAL SAFETY & HEALTH
Office of Safety Compliance
P.O. Box 386
Trenton, NJ 08625-0386
(609) 292-2096 • Fax: (609) 777-4589

Robert Asaro-Angelo
Commissioner

Certificate No: 004863

Expiration Date: 03/31/2024

MINE REGISTRATION CERTIFICATE

ISSUED TO: Braen Royalties

LOCATION: Braen Royalties
217 Limecrest Rd
Lafayette, NJ

BLK NO(S): SEE BELOW

LOT NO(S): SEE BELOW

COUNTY: Sussex

FEE: $3,000.00

Issued pursuant to the provisions of N.J.S.A 34:6-98.1 et. seq. Failure to comply with the provisions of the Act, and the Rules promulgated thereunder, shall be good cause for the revocation of this Certificate.

RA Angelo
Commissioner

THIS CERTIFICATE MUST BE POSTED AT ALL TIMES

BLOCK NO(S)	LOT NO(S)
217 Limecrest Rd	
11001, 1.02, 108.01	1, 171, 172, 173, 174, 1, 2, 4, 5, 1

MAILED
03/08/23

Lauren Kott

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Friday, March 29, 2024 1:59 PM
To: Lauren Kott
Cc: Amanda Forsburg; Obligado, Andre A (DEC)
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Hi Lauren,

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Tilcon, Mine Registration Certificate No:004851

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- 3,000 CY of ASTM 4 stone proposed to be imported to the Site from the Tilcon Mount Hope Quarry in Wharton, New Jersey, to be used as a truck wash, crane pads, and temporary roads.

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- 1,000 CY of #5 stone proposed to be imported to the Site from the Braen Stone of Sparta Quarry in Lafayette, New Jersey, to be used for drainage areas, miscellaneous pads, and temporary roads.

Based on the information provided, the request is hereby approved.

The proposed fill material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in section 5.4(e)5 of DER-10.

Testing in accordance with DER-10 and the Remedial Design Work Plan and approval by the Department is required for any additional material imported from this source. Please ensure any material stockpiled on site is secured and covered.

Thank you for summarizing the requests,
Steven

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov | | |

NEW YORK STATE | Department of Environmental Conservation

From: Lauren Kott <lkott@langan.com>
Sent: Thursday, March 28, 2024 4:05 PM

To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Cc: aforsburg@langan.com
Subject: RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen #4 Stone, Braen #5 Stone, and Tilcon #4 Stone

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Steven,

Please disregard the Tilcon submission from yesterday. Please see the attached for two Tilcon submissions for proposed stone import for the Flatlands Avenue Site.

Tilcon

- Up to 3,000 CY of NY 2 ASTM 5 stone proposed to be imported to the Site from the Tilcon Mount Hope Quarry in Wharton, New Jersey, to be used as a truck wash, crane pads, and temporary roads.
- Up to 3,000 CY of ASTM 4 stone proposed to be imported to the Site from the Tilcon Mount Hope Quarry in Wharton, New Jersey, to be used as a truck wash, crane pads, and temporary roads.

A letter describing the material, a gradation report, and the current permit are included for each request.

Can you kindly review and advise if these are approved?

As a note, the following import forms were sent to you yesterday and are still waiting for approval:

Braen

- Up to 3,000 CY of #4 stone proposed to be imported to the Site from the Braen Stone of Sparta Quarry in Lafayette, New Jersey, to be used as a truck wash, crane pads, and temporary roads.
- Up to 1,000 CY of #5 stone proposed to be imported to the Site from the Braen Stone of Sparta Quarry in Lafayette, New Jersey, to be used for drainage areas, miscellaneous pads, and temporary roads.

Apologies for the confusion! Let me know if you have any questions. Thank you!

Lauren Kott, PE
Senior Staff Engineer

LANGAN

Direct: 973.560.4807
Mobile: 908.752.1870
File Sharing Link
www.langan.com

NEW JERSEY NEW YORK CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC
OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

From: Amanda Forsburg <aforsburg@Langan.com>
Sent: Wednesday, March 27, 2024 2:44 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>

Cc: Lauren Kott <lkott@langan.com>
Subject: 12096 Flatlands Avenue (C224290) Request to Import - Braen #4 Stone, Braen #5 Stone, and Tilcon #4 Stone

Good afternoon Steven,

We have started receiving submissions for proposed stone import for the Flatlands Avenue Site. I have attached three *Request to Import* forms for your review, which are summarized below.

Braen

- Up to 3,000 CY of #4 stone proposed to be imported to the Site from the Braen Stone of Sparta Quarry in Lafayette, New Jersey, to be used as a truck wash, crane pads, and temporary roads.
- Up to 1,000 CY of #5 stone proposed to be imported to the Site from the Braen Stone of Sparta Quarry in Lafayette, New Jersey, to be used for drainage areas, miscellaneous pads, and temporary roads.

Tilcon

- Up to 3,000 CY of #4 stone proposed to be imported to the Site from the Tilcon Mount Hope Quarry in Wharton, New Jersey, to be used as a truck wash, crane pads, and temporary roads.

A letter describing the material, a gradation report, and the current permit are included for each request.

Can you kindly review and advise if these are approved? As a note, we expect that additional requests will be forthcoming.

Thank you,

Amanda

Amanda Forsburg, CHMM
Associate Principal

LANGAN

Direct: 973.560.4574
Mobile: 201.615.9726
File Sharing Link

Phone: 973.560.4900 Fax: 973.560.4901
300 Kimball Drive
4th Floor
Parsippany, NJ 07054-2172
www.langan.com

NEW JERSEY NEW YORK CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC
OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Unrestricted

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 3,000

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that passes a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Material consists of approximately 3,000 cubic yards of ASTM #4, 1.25- to 1.5-inch clean stone to be used as a truck wash, crane pads, and temporary roads. Stone is generated from a mine. As such, analytical results are not provided.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

See above.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Leslie Dalessandro

Location where fill was obtained:

65 Mount Hope Road, Wharton, NJ

Identification of any state or local approvals as a fill source:

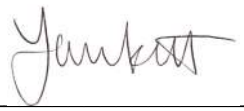
Mine Certificate No. 004851

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Source facility letters and gradation results provided

The information provided on this form is accurate and complete.



Signature

3/28/2024

Date

Lauren Kott

Print Name

Langan Engineering

Firm

Tilcon New York Inc.
9 Entin Road
Parsippany, NJ 07054

T 973-366-7741
www.tilconny.com

A CRH COMPANY

People • Character • Innovation • Performance

•#4 Stone, 1.5" Stone – Tilcon – Mount Hope – Use as truck wash, crane pads and temp roads. – Approx 3,000cy

March 20, 2024

United Concrete, LLC
20th St, Brooklyn, NY

Attn: Aldo Malomo
Re: BROOKLYN- FLATLANDS & EAST NEW YORK

Dear Mr. Malomo;

As they are produced at Mt Hope quarry Item4 Type2 Subbase, ASTM#4, ASTM#57 and NYSDOT No. 2 are manufactured to meet the New York State Department of Transportation (NYSDOT) and New Jersey Department of Transportation (NJDOT), and ASTM Standard Specifications. Mount Hope source is included on the NJDOT Qualified Products List, available at:

www.state.nj.us/transportation/eng/materials/qualified/QPLDB.shtm

Mount Hope quarry supplies 100% virgin granite (Gneiss) that is quarried and processed to finished sizes. Material shipped from our Mount Hope Facility is clean and free of contaminants prior to loading. Our Mount Hope Quarry source (#8-32R) was approved by the NYSDOT under test 20AR093 and the letter to this effect is attached.

Attached, please find, the gradation, and third-party test results confirming source quality characteristics.

If you have any questions or require additional information, please contact me at leslie.dalessandro@tilconny.com

Very truly yours,
TILCON NEW YORK, INC.

Leslie Dalessandro

Leslie Dalessandro
Quality Control Department

Quality Test Report

Plant	060_00418-Mt. Hope Quarry
Product	1 1/4"-ASTM 4
Specification	ASTM 4

1845654569

Sample Information

Sample No	1845654569
Date Sampled	03/08/2024 13:41
Sampled By	Jarryd Megargel
Type	Production
Method	Load-out Face

Split Sample ☐
Resample ☐

Gradation Results

Date Completed 03/08/2024 13:41 Tested By Jarryd Megargel

Unit	Moist Mass	Dry Mass	Wash Mass	Moisture %	Wash Loss %	Procedure
lb		43.95				

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification	Comment
2" (50mm)	0.00	0.00	0	0	100		100-100	
1 1/2" (37.5mm)	0.00	0.00	0	0	100	100-100\100	90-100	
1" (25mm)	24.65	24.65	56	56	44	18-59\38	20-55	
3/4" (19mm)	18.70	43.35	43	99	1	0-6\3	0-15	
1/2" (12.5mm)	0.40	43.75	1	100	0			
3/8" (9.5mm)	0.05	43.80	0	100	0	0-2\1	0-5	
Pan	0.15	43.95	0.3	100.0	0.0			

Philip D. Murphy
Governor

Tahesha L. Way
Lieutenant Governor

State of New Jersey
DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT
LABOR STANDARDS AND SAFETY ENFORCEMENT
DIVISION OF PUBLIC SAFETY & OCCUPATIONAL SAFETY & HEALTH
Office of Safety Compliance
P.O. Box 386
Trenton, NJ 08625-0386
(609) 292-2096 • Fax: (609) 777-4589

Robert Asaro-Angelo
Commissioner

Certificate No: 004851

Expiration Date: 03/31/2025

MINE REGISTRATION CERTIFICATE

ISSUED TO: Tilcon New York Inc-Mt Hope Quarry

LOCATION: Tilcon New York Inc-Mt Hope Quarry
625 Mt Hope Rd
Wharton, NJ

BLK NO(S): SEE BELOW

LOT NO(S): SEE BELOW

COUNTY: Morris

FEE: $3,000.00

Issued pursuant to the provisions of N.J.S.A 34:6-98.1 et. seq. Failure to comply with the provisions of the Act, and the Rules promulgated thereunder, shall be good cause for the revocation of this Certificate.

R A Angelo
Commissioner

THIS CERTIFICATE MUST BE POSTED AT ALL TIMES

BLOCK NO(S)	LOT NO(S)
625 Mt Hope Rd	
20001, 70001,, 20101	501, 502, 7, 2, 6

Lauren Kott

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Friday, March 29, 2024 1:59 PM
To: Lauren Kott
Cc: Amanda Forsburg; Obligado, Andre A (DEC)
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen #4 Stone, Braen #5 Stone, and Tilcon #4 Stone

Hi Lauren,

The Department has reviewed the following import requests from:

Tilcon, Mine Registration Certificate No:004851

- 3,000 CY of NY 2 ASTM 5 stone proposed to be imported to the Site from the Tilcon Mount Hope Quarry in Wharton, New Jersey, to be used as a truck wash, crane pads, and temporary roads.
- 3,000 CY of ASTM 4 stone proposed to be imported to the Site from the Tilcon Mount Hope Quarry in Wharton, New Jersey, to be used as a truck wash, crane pads, and temporary roads.

Braen, Mine Registration Certificate No: 004863

- 3,000 CY of #4 stone proposed to be imported to the Site from the Braen Stone of Sparta Quarry in Lafayette, New Jersey, to be used as a truck wash, crane pads, and temporary roads.
- 1,000 CY of #5 stone proposed to be imported to the Site from the Braen Stone of Sparta Quarry in Lafayette, New Jersey, to be used for drainage areas, miscellaneous pads, and temporary roads.

Based on the information provided, the request is hereby approved.

The proposed fill material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in section 5.4(e)5 of DER-10.

Testing in accordance with DER-10 and the Remedial Design Work Plan and approval by the Department is required for any additional material imported from this source. Please ensure any material stockpiled on site is secured and covered.

Thank you for summarizing the requests,
Steven

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov | | |

NEW YORK STATE | Department of Environmental Conservation

From: Lauren Kott <lkott@langan.com>
Sent: Thursday, March 28, 2024 4:05 PM

To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Cc: aforsburg@langan.com
Subject: RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen #4 Stone, Braen #5 Stone, and Tilcon #4 Stone

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Hi Steven,

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Tilcon

- Up to 3,000 CY of NY 2 ASTM 5 stone proposed to be imported to the Site from the Tilcon Mount Hope Quarry in Wharton, New Jersey, to be used as a truck wash, crane pads, and temporary roads.
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A letter describing the material, a gradation report, and the current permit are included for each request.

Can you kindly review and advise if these are approved?

As a note, the following import forms were sent to you yesterday and are still waiting for approval:

Braen

- Up to 3,000 CY of #4 stone proposed to be imported to the Site from the Braen Stone of Sparta Quarry in Lafayette, New Jersey, to be used as a truck wash, crane pads, and temporary roads.
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Apologies for the confusion! Let me know if you have any questions. Thank you!

Lauren Kott, PE
Senior Staff Engineer

LANGAN

Direct: 973.560.4807
Mobile: 908.752.1870
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OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

From: Amanda Forsburg <aforsburg@Langan.com>
Sent: Wednesday, March 27, 2024 2:44 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>

Cc: Lauren Kott <lkott@langan.com>
Subject: 12096 Flatlands Avenue (C224290) Request to Import - Braen #4 Stone, Braen #5 Stone, and Tilcon #4 Stone

Good afternoon Steven,

We have started receiving submissions for proposed stone import for the Flatlands Avenue Site. I have attached three *Request to Import* forms for your review, which are summarized below.

Braen

- Up to 3,000 CY of #4 stone proposed to be imported to the Site from the Braen Stone of Sparta Quarry in Lafayette, New Jersey, to be used as a truck wash, crane pads, and temporary roads.
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- Up to 3,000 CY of #4 stone proposed to be imported to the Site from the Tilcon Mount Hope Quarry in Wharton, New Jersey, to be used as a truck wash, crane pads, and temporary roads.

A letter describing the material, a gradation report, and the current permit are included for each request.

Can you kindly review and advise if these are approved? As a note, we expect that additional requests will be forthcoming.

Thank you,

Amanda

Amanda Forsburg, CHMM
Associate Principal

LANGAN

Direct: 973.560.4574
Mobile: 201.615.9726
File Sharing Link

Phone: 973.560.4900 Fax: 973.560.4901
300 Kimball Drive
4th Floor
Parsippany, NJ 07054-2172
www.langan.com

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ATHENS CALGARY DUBAI LONDON PANAMA

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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Unrestricted

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 3,000

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that passes a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Material consists of approximately 3,000 cubic yards of NYSDOT No. 2 / ASTM 5, 1-inch clean stone to be used as a truck wash, crane pads, and temporary roads. Stone is generated from a mine. As such, analytical results are not provided.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

See above.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Leslie Dalessandro

Location where fill was obtained:

65 Mount Hope Road, Wharton, NJ

Identification of any state or local approvals as a fill source:

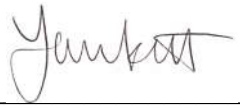
Mine Certificate No. 004851

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Source facility letters and gradation results provided

The information provided on this form is accurate and complete.



Signature

3/28/2024

Date

Lauren Kott

Print Name

Langan Engineering

Firm

Tilcon New York Inc.
9 Entin Road
Parsippany, NJ 07054

T 973-366-7741
www.tilconny.com

A CRH COMPANY

People • Character • Innovation • Performance

•#4 Stone, 1.5" Stone – Tilcon – Mount Hope – Use as truck wash, crane pads and temp roads. – Approx 3,000cy

March 20, 2024

United Concrete, LLC
20th St, Brooklyn, NY

Attn: Aldo Malomo
Re: BROOKLYN- FLATLANDS & EAST NEW YORK

Dear Mr. Malomo;

As they are produced at Mt Hope quarry Item4 Type2 Subbase, ASTM#4, ASTM#57 and NYSDOT No. 2 are manufactured to meet the New York State Department of Transportation (NYSDOT) and New Jersey Department of Transportation (NJDOT), and ASTM Standard Specifications. Mount Hope source is included on the NJDOT Qualified Products List, available at:

www.state.nj.us/transportation/eng/materials/qualified/QPLDB.shtm

Mount Hope quarry supplies 100% virgin granite (Gneiss) that is quarried and processed to finished sizes. Material shipped from our Mount Hope Facility is clean and free of contaminants prior to loading. Our Mount Hope Quarry source (#8-32R) was approved by the NYSDOT under test 20AR093 and the letter to this effect is attached.

Attached, please find, the gradation, and third-party test results confirming source quality characteristics.

If you have any questions or require additional information, please contact me at leslie.dalessandro@tilconny.com

Very truly yours,
TILCON NEW YORK, INC.

Leslie Dalessandro

Leslie Dalessandro
Quality Control Department

Plant: Mt. Hope Quarry
Date Created: 02/15/2024
Date Modified: 02/15/2024
Name: NY2
Description:

Sieve/Test	Spec	Result	NY 2 (ASTM 5)-NY 2
Bin			
Price		0	0
% Product		0	0
TPH		0	0
% Gate			0
1 1/2" (37.5mm)	100-100		100.0
1" (25mm)	90-100		100.0
3/4" (19mm)			82.9
1/2" (12.5mm)	0-15		9.7
3/8" (9.5mm)			0.7

Philip D. Murphy
Governor

Tahesha L. Way
Lieutenant Governor

State of New Jersey
DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT
LABOR STANDARDS AND SAFETY ENFORCEMENT
DIVISION OF PUBLIC SAFETY & OCCUPATIONAL SAFETY & HEALTH
Office of Safety Compliance
P.O. Box 386
Trenton, NJ 08625-0386
(609) 292-2096 • Fax: (609) 777-4589

Robert Asaro-Angelo
Commissioner

Certificate No: 004851

Expiration Date: 03/31/2025

MINE REGISTRATION CERTIFICATE

ISSUED TO: Tilcon New York Inc-Mt Hope Quarry

LOCATION: Tilcon New York Inc-Mt Hope Quarry
625 Mt Hope Rd
Wharton, NJ

BLK NO(S): SEE BELOW

LOT NO(S): SEE BELOW

COUNTY: Morris

FEE: $3,000.00

Issued pursuant to the provisions of N.J.S.A 34:6-98.1 et. seq. Failure to comply with the provisions of the Act, and the Rules promulgated thereunder, shall be good cause for the revocation of this Certificate.

R A Angelo
Commissioner

THIS CERTIFICATE MUST BE POSTED AT ALL TIMES

BLOCK NO(S)	LOT NO(S)
625 Mt Hope Rd	
20001, 70001,, 20101	501, 502, 7, 2, 6

Lauren Kott

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Monday, June 24, 2024 2:19 PM
To: Amanda Forsburg; Lauren Kott
Cc: Obligado, Andre A (DEC)
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen NYSDOT 2 (0.75-inch) stone

Amanda,

The Department has reviewed the import request of 2000 cubic yards of 0.75 inch clean stone from Braen Royalties, Lafayette, NJ, Certificate No. #004863 dated 06/24/24. Based on the information provided, the request is hereby approved.

The proposed fill material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in section 5.4(e)5 of DER-10. Therefore, this material may be used as backfill between pile caps and as foundation elements.

Testing in accordance with DER-10 and the Remedial Design Work Plan and approval by the Department is required for any additional material imported from this source. Please ensure any material stockpiled on site is secured and covered.

Thanks,

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov | | |

From: Amanda Forsburg <aforsburg@Langan.com>
Sent: Monday, June 24, 2024 2:12 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>; Lauren Kott <lkott@langan.com>
Subject: RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen NYSDOT 2 (0.75-inch) stone

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Steven,

Here you go.

Amanda

Amanda Forsburg, CHMM
Associate Principal

LANGAN

Direct: 973.560.4574
Mobile: 201.615.9726
File Sharing Link
www.langan.com

NEW JERSEY NEW YORK CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC
OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Monday, June 24, 2024 2:07 PM
To: Amanda Forsburg <aforsburg@Langan.com>; Lauren Kott <lkott@langan.com>
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen NYSDOT 2 (0.75-inch) stone

No problem, can you please correct and resubmit?
I will work on the approval.

Thanks,

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov | | |

NEW YORK STATE | Department of Environmental Conservation

From: Amanda Forsburg <aforsburg@Langan.com>
Sent: Monday, June 24, 2024 1:55 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>; Lauren Kott <lkott@langan.com>
Subject: RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen NYSDOT 2 (0.75-inch) stone

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Steven,

It's 2,000 cubic yards. I'm sorry for the mistake in the form. Would you like us to revise and resubmit so it is correct?

Amanda

Amanda Forsburg, CHMM
Associate Principal

LANGAN

Direct: 973.560.4574
Mobile: 201.615.9726
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ATHENS CALGARY DUBAI LONDON PANAMA

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Monday, June 24, 2024 1:53 PM
To: Amanda Forsburg <aforsburg@Langan.com>; Lauren Kott <lkott@langan.com>
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen NYSDOT 2 (0.75-inch) stone

Amanda, can you confirm if it is 2000 yards or 2000 tons of material to be imported?

Thanks,

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov | | |

NEW YORK STATE | Department of Environmental Conservation

From: Amanda Forsburg <aforsburg@Langan.com>
Sent: Monday, June 24, 2024 1:38 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>; Lauren Kott <lkott@langan.com>
Subject: RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen NYSDOT 2 (0.75-inch) stone

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Good afternoon, Steven,

See attached, with the current mine certificate included.

Amanda

Amanda Forsburg, CHMM
Associate Principal

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Mobile: 201.615.9726
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From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Thursday, June 20, 2024 12:15 PM
To: Lauren Kott <lkott@langan.com>
Cc: Amanda Forsburg <aforsburg@Langan.com>
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen NYSDOT 2 (0.75-inch) stone

Good Morning Lauren,

The registration is expired as of 03/31/2024, please resend the import request to me with updated registration.

Thanks,

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov | | |

NEW YORK STATE | Department of Environmental Conservation

From: Lauren Kott <lkott@langan.com>
Sent: Thursday, June 20, 2024 12:04 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>

Cc: aforsburg@langan.com
Subject: RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen NYSDOT 2 (0.75-inch) stone

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Good morning Steven,

Just following up on the import request below. Let us know if you have any questions.

Lauren Kott, PE
Senior Staff Engineer

LANGAN

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Mobile: 908.752.1870
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ATHENS CALGARY DUBAI LONDON PANAMA

From: Lauren Kott
Sent: Thursday, June 13, 2024 8:16 AM
To: Steven.Wu (Steven.Wu@dec.ny.gov) <Steven.Wu@dec.ny.gov>
Cc: Amanda Forsburg <aforsburg@Langan.com>
Subject: 12096 Flatlands Avenue (C224290) Request to Import - Braen NYSDOT 2 (0.75-inch) stone

Good morning Steven,

We have an additional proposed stone import submission for the Flatlands Avenue Site. Please see the attached Request to Import forms for your review. The request is for 2,000 CY of NYSDOT 2 (0.75-inch) stone to be used for backfill between pile caps and foundation elements and will remain on-Site below the structural slab, raising the sub-grade elevation in the ConEd vault area following the remedial excavation, and as needed within the building footprint. A letter describing the material, a gradation report, and the current permit is included in the request.

Can you kindly review and advise if this is approved?

Thanks!

Lauren Kott, PE
Senior Staff Engineer

LANGAN

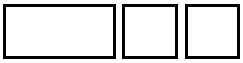
Direct: 973.560.4807

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Phone: 973.560.4900 Fax: 973.560.4901
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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Unrestricted

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 2,000

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that passes a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Material consists of approximately 2,000 cy of 005-NJDOT #5/ NYSDOT 2, 0.75-inch clean stone for backfill between pile caps and foundation elements and will remain on-Site below the structural slab and raising the sub-grade elevation in the ConEd vault area following the remedial excavation, and as needed within the building footprint. Stone is generated from a mine. As such, analytical results are not provided.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

See above.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Russ Berger, Director of Quality Control

Location where fill was obtained:

Braen Royalties at 217 Limecrest Rd, Lafayette, NJ

Identification of any state or local approvals as a fill source:

Mine Certification No. 004863

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Source facility letters and gradation results provided

The information provided on this form is accurate and complete.



6/24/2024

Signature | Date

Lauren Kott

Print Name

Langan Engineering

Firm

03/15/2024

Dear Customer,

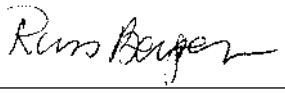
The values presented below represent typical grading (% Passing) and typical physical property values for this product. We do not expect any changes to this product for the duration of the project.

005-NJDOT # 5 / NYSDOT 2

Procedure	Sieve/Test	Average	Unit	Gas Permeable
	1 1/2" (37.5mm)	100.0	%	≥100
	1" (25mm)	91.0	%	90-100
	3/4" (19mm)	48.0	%	45-60
	1/2" (12.5mm)	2.5	%	≤5
	3/8" (9.5mm)	1.3	%	≤5
	#80 (.18mm)	0.5	%	0-5
	#200 (75µm)	0.21	%	≤3

Braen Stone of Sparta 217 Limecrest Road, Lafayette, NJ 07848 - Crushed Stone, Washed Sand Products, and Certified Fill, are extracted, blended, and/or manufactured from the following virgin material sources: granite-gneiss stone deposit; naturally occurring overburden soil material, located on Block 11001, 1.02, 108.01; Lot 1,171,172,173,174,1,2,4,5, 1, Borough of Sparta, Sussex County, The NYSDOT Source Numbers course aggregate 8-44R, and the fine aggregate 8-44RFM. NJ Mine Registration Number is 004863.
To the best of our knowledge this material contained no hazardous or contaminated materials prior to shipment.

If you have any questions, please call Russ Berger at 973-720-6443 or email RBerger@braenstone.com

Signature 

Name/Title Russ Berger / Director of Quality Control

BRAEN STONE OF SPARTA
PLANT LOCATION: 217 LIMECREST ROAD ~ LAFAYETTE, NJ 07848

P.O. BOX 8246 ♦
HALEDON, NJ 07538
973.383.7100 ♦
FAX: 973.383.1408
www.braenstone.com

March 18, 2024

All Suffolk Materials Inc.
910 Middle Country Rd.
Selden, NY 11784

RE: Supplier - Braen Stone of Sparta - # 57 Stone, #4 (1-½"), # 3 (2") Stone
Project - 12096 Flatlands Ave., Brooklyn, NY
Contractor - All Suffolk Materials Inc

Dear Madam\Sir,

This letter is to certify that the **Material** to be supplied to the above-referenced project was extracted, blended, and/or manufactured from our 100% virgin material source: granite-gneiss stone deposit. These materials quarried are located on Block 11001, 1.02, 108.01; Lot 1,171,172,173,174,1,2,4,5, 1, Borough of Sparta, Sussex County, New Jersey, commonly known as 217 Limecrest Road of Lafayette. NJ Mine Registration # 004863.

All materials currently approved by the New York State Department of Transportation appear on their QPL list of fine and coarse aggregates. Our current source numbers are coarse aggregate 8-44R NYSDOT Test number 23AR053 and fine products 8-44RFM NYSDOT Test number 23AF083.

NYS QPL;

https://www.dot.ny.gov/divisions/engineering/technical-services/materials-bureau/fine-coarse-aggregates

To the best of our knowledge, this material contained no hazardous or contaminated materials prior to shipment.

If we can further assist, please contact us at the number listed.

Respectfully,
Braen Stone of Sparta

Russ Berger
Director of Quality Control

Cc: File

Philip D. Murphy
Governor

Tahesha L. Way
Lieutenant Governor

State of New Jersey
DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT
LABOR STANDARDS AND SAFETY ENFORCEMENT
DIVISION OF PUBLIC SAFETY & OCCUPATIONAL SAFETY & HEALTH
Office of Safety Compliance
P.O. Box 386
Trenton, NJ 08625-0386
(609) 292-2096 • Fax: (609) 777-4589

Robert Asaro-Angelo
Commissioner

Certificate No: 004863
Expiration Date: 03/31/2025

MINE REGISTRATION CERTIFICATE

ISSUED TO: Braen Royalties

LOCATION: Braen Royalties
217 Limecrest Rd
Lafayette, NJ

BLK NO(S): SEE BELOW
LOT NO(S): SEE BELOW
COUNTY: Sussex
FEE: $3,000.00

Issued pursuant to the provisions of N.J.S.A 34:6-98.1 et. seq. Failure to comply with the provisions of the Act, and the Rules promulgated thereunder, shall be good cause for the revocation of this Certificate.

RC Angelo
Commissioner

THIS CERTIFICATE MUST BE POSTED AT ALL TIMES

BLOCK NO(S)	LOT NO(S)
217 Limecrest Rd	
11001, 1.02, 108.01	1, 171, 172, 173, 174, 1, 2, 4, 5, 1

Lauren Kott

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Wednesday, July 17, 2024 10:06 AM
To: Lauren Kott
Cc: Obligado, Andre A (DEC); Amanda Forsburg; O'Connell, Jane H (DEC)
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen DGA

Lauren,

The Department has reviewed the import request of 1000 cubic yards of stone from Braen Royalties, Lafayette, NJ, Certificate No. #004863 dated 7/17/24. Based on the information provided, the request is hereby approved.

The proposed fill material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in section 5.4(e)5 of DER-10. Therefore, this material may be used as general backfill.

Testing in accordance with DER-10 and the Remedial Design Work Plan and approval by the Department is required for any additional material imported from this source. Please ensure any material stockpiled on site is secured and covered.

Thanks,

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov |

From: Lauren Kott <lkott@langan.com>
Sent: Wednesday, July 17, 2024 9:57 AM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Cc: Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; aforsburg@langan.com
Subject: RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen DGA

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Hey Steven,

Please see the attached revised form for this import request. The form includes the mine registration certificate, the facility letter that we attached via email yesterday, and the analytical data.

Let us know if there are any additional questions. Thanks!

Lauren Kott, PE

Project Engineer

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From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Tuesday, July 16, 2024 2:11 PM
To: Lauren Kott <lkott@langan.com>
Cc: Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Amanda Forsburg <aforsburg@Langan.com>
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen DGA

Received thank you, I will review and pass along. Just a heads up if this is indeed virgin material then section 2 of the import request will have to be updated.

Thanks,

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov | | |

NEW YORK STATE | Department of Environmental Conservation

From: Lauren Kott <lkott@langan.com>
Sent: Tuesday, July 16, 2024 1:43 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Cc: Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; aforsburg@langan.com
Subject: RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen DGA

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Hey Steven,

Please see the attached letter from the facility regarding this material. Braen stone is certifying that the material is extracted from their 100% virgin material source at their facility.

Let us know if this satisfies the request.

Lauren Kott, PE
Project Engineer

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From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Monday, July 15, 2024 1:26 PM
To: Amanda Forsburg <aforsburg@Langan.com>
Cc: Lauren Kott <lkott@langan.com>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen DGA

Understood, but Is it possible to elaborate further on the material? Does Braen keep track of what goes into their DGA stockpile?
The comment was to be more specific than DGA/Clean-fill.

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov |

From: Amanda Forsburg <aforsburg@Langan.com>
Sent: Monday, July 15, 2024 1:08 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Cc: Lauren Kott <lkott@langan.com>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>
Subject: RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen DGA

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Hi Steven,

The material is dense graded aggregate (DGA) from a quarry.

Amanda

Amanda Forsburg, CHMM
Associate Principal

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Mobile: 201.615.9726
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ATHENS CALGARY DUBAI LONDON PANAMA

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Monday, July 15, 2024 8:47 AM
To: Amanda Forsburg <aforsburg@Langan.com>
Cc: Lauren Kott <lkott@langan.com>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen DGA

Amanda,

Apologies for the delay, we received a comment on this import request.
Can you specify what the material is? Whether it is stone or sand, etc. “Clean fill” is not specific enough for section 3.

Thank you,

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov |

From: Amanda Forsburg <aforsburg@Langan.com>
Sent: Thursday, July 11, 2024 5:05 PM
To: Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>
Cc: Lauren Kott <lkott@langan.com>; Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Subject: RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen DGA

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Hi there Andre,

I am following up on the email below. Is someone available to review and provide feedback on the submission?

Amanda

Amanda Forsburg, CHMM
Associate Principal

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From: Amanda Forsburg
Sent: Tuesday, July 9, 2024 2:26 PM
To: 'Obligado, Andre A (DEC)' <andre.obligado@dec.ny.gov>
Cc: Lauren Kott <lkott@langan.com>; Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Subject: FW: 12096 Flatlands Avenue (C224290) Request to Import - Braen DGA
Importance: High

Good afternoon Andre,

I received an auto-reply from Steven in response to my inquiry below. Is there someone else who can give us a hand with review of the material proposed for import (attached) this week?

Amanda

Amanda Forsburg, CHMM
Associate Principal

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From: Amanda Forsburg
Sent: Tuesday, July 9, 2024 2:22 PM
To: Lauren Kott <lkott@langan.com>; Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Subject: RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen DGA

Good afternoon Steven,

Can you kindly confirm that you have everything needed to complete review of the proposed material? Do you know when we might receive a response?

Thank you,

Amanda

Amanda Forsburg, CHMM
Associate Principal

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ATHENS CALGARY DUBAI LONDON PANAMA**



From: Lauren Kott <lkott@langan.com>
Sent: Friday, July 5, 2024 2:32 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>

Cc: Amanda Forsburg <aforsburg@Langan.com>
Subject: RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen DGA

Hi Steven,

So sorry about that. Please see the revised import request with the updated mine certification.

Lauren Kott, PE
Senior Staff Engineer

LANGAN

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Mobile: 908.752.1870
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ATHENS CALGARY DUBAI LONDON PANAMA

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Wednesday, July 3, 2024 3:32 PM
To: Lauren Kott <lkott@langan.com>
Cc: Amanda Forsburg <aforsburg@Langan.com>
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Import - Braen DGA

Hello Lauren,

If this is the same Braen Royalties from the previous import request, can you resubmit with the updated mine certificate?

Thanks,

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov | | | |

NEW YORK STATE | Department of Environmental Conservation

From: Lauren Kott <lkott@langan.com>
Sent: Tuesday, July 2, 2024 11:48 AM

To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Cc: aforsburg@langan.com
Subject: 12096 Flatlands Avenue (C224290) Request to Import - Braen DGA

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Good morning Steven,

Please see the attached Request to Import form for DGA to be imported From Braen Stone of Sparta Quarry of Lafayette, New Jersey to be used for general backfill. The current permit and laboratory analytical data is included in the request.

Can you please review and let us know if this is approved?

Thanks!

Lauren Kott, PE
Senior Staff Engineer

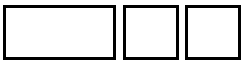
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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Unrestricted

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 800-1000

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Material consists of dense graded aggregate (DGA) manufactured at a quarry from virgin material to be used for general backfill. Approximately 1,000 cubic yards of DGA will be imported.

Two composite sample and 7 grab samples were collected on 24 June 2024. The composite samples were analyzed for SVOCs, pesticides, PCBs, metals, and PFAS and the grab samples were analyzed for VOCs only.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Analytical results are attached and no exceedances of the Unrestricted Use SCOs were identified.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

United Concrete LLC - Foundation Contractor

Location where fill was obtained:

Braen, 217 Limecrest Road, Lafayette, NJ 07848

Identification of any state or local approvals as a fill source:

N/A

If no approvals are available, provide a brief history of the use of the property that is the fill source:

N/A

Provide a list of supporting documentation included with this request:

Mine registration certificate, facility letter, and laboratory analytical results

The information provided on this form is accurate and complete.



Signature

07/17/2024

Date

Lauren Kott

Print Name

Langan Engineering

Firm

Philip D. Murphy
Governor

Tahesha L. Way
Lieutenant Governor

State of New Jersey
DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT
LABOR STANDARDS AND SAFETY ENFORCEMENT
DIVISION OF PUBLIC SAFETY & OCCUPATIONAL SAFETY & HEALTH
Office of Safety Compliance
P.O. Box 386
Trenton, NJ 08625-0386
(609) 292-2096 • Fax: (609) 777-4589

Robert Asaro-Angelo
Commissioner

Certificate No: 004863
Expiration Date: 03/31/2025

MINE REGISTRATION CERTIFICATE

ISSUED TO: Braen Royalties

LOCATION: Braen Royalties
217 Limecrest Rd
Lafayette, NJ

BLK NO(S): SEE BELOW
LOT NO(S): SEE BELOW
COUNTY: Sussex
FEE: $3,000.00

Issued pursuant to the provisions of N.J.S.A 34:6-98.1 et. seq. Failure to comply with the provisions of the Act, and the Rules promulgated thereunder, shall be good cause for the revocation of this Certificate.

RC Angelo
Commissioner

THIS CERTIFICATE MUST BE POSTED AT ALL TIMES

BLOCK NO(S)	LOT NO(S)
217 Limecrest Rd	
11001, 1.02, 108.01	1, 171, 172, 173, 174, 1, 2, 4, 5, 1

BRAEN STONE OF SPARTA
PLANT LOCATION: 217 LIMECREST ROAD ~ LAFAYETTE, NJ 07848
P.O. BOX 8246 ♦
HALEDON, NJ 07538
973.383.7100 ♦
FAX: 973.383.1408
www.braenstone.com

July 16, 2024

All Suffolk Materials Inc.
910 Middle Country Rd.
Selden, NY 11784

RE: Supplier - Braen Stone of Sparta - # 57 Stone, #4 (1-½"), # 3 (2") Stone, DGA
Project - 12096 Flatlands Ave., Brooklyn, NY
Contractor - All Suffolk Materials Inc

Dear Madam\Sir,

This letter is to certify that the **Material** to be supplied to the above-referenced project was extracted, blended, and/or manufactured from our 100% virgin material source: granite-gneiss stone deposit. These materials quarried are located on Block 11001, 1.02, 108.01; Lot 1,171,172,173,174,1,2,4,5, 1, Borough of Sparta, Sussex County, New Jersey, commonly known as 217 Limecrest Road of Lafayette. NJ Mine Registration # 004863.

All materials currently approved by the New York State Department of Transportation appear on their QPL list of fine and coarse aggregates. Our current source numbers are coarse aggregate 8-44R NYSDOT Test number 23AR053 and fine products 8-44RFM NYSDOT Test number 23AF083.

NYS QPL;

https://www.dot.ny.gov/divisions/engineering/technical-services/materials-bureau/fine-coarse-aggregates

To the best of our knowledge, this material contained no hazardous or contaminated materials prior to shipment.

If we can further assist, please contact us at the number listed.

Respectfully,
Braen Stone of Sparta

Russ Berger
Director of Quality Control

Cc: File

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 06/28/2024
Client Project ID: 100688802
York Project (SDG) No.: 24F1590

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 06/28/2024
Client Project ID: 100688802
York Project (SDG) No.: 24F1590

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 24, 2024 and listed below. The project was identified as your project: **100688802**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24F1590-01	GRAB01	Soil	06/24/2024	06/24/2024
24F1590-02	GRAB02	Soil	06/24/2024	06/24/2024
24F1590-03	GRAB03	Soil	06/24/2024	06/24/2024
24F1590-04	GRAB04	Soil	06/24/2024	06/24/2024
24F1590-05	GRAB05	Soil	06/24/2024	06/24/2024
24F1590-06	GRAB06	Soil	06/24/2024	06/24/2024
24F1590-07	GRAB07	Soil	06/24/2024	06/24/2024
24F1590-08	COMP01	Soil	06/24/2024	06/24/2024
24F1590-09	COMP02	Soil	06/24/2024	06/24/2024
24F1590-10	TRIPBLANK062424	Water	06/24/2024	06/24/2024

General Notes for York Project (SDG) No.: 24F1590

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 06/28/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: GRAB01 **York Sample ID:** 24F1590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:35 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GRAB01 **York Sample ID:** 24F1590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:35 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: GRAB01 **York Sample ID:** 24F1590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:35 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	**Methyl acetate**	**0.0040**	J	mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0066**	J	mg/kg dry	0.0061	0.012	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GRAB01 **York Sample ID:** 24F1590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:35 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260D	06/26/2024 11:30	06/26/2024 20:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.7 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.9**		%	0.100	1	SM 2540G	06/27/2024 17:35	06/27/2024 17:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: GRAB02 **York Sample ID:** 24F1590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:42 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GRAB02 **York Sample ID:** 24F1590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:42 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: GRAB02 **York Sample ID:** 24F1590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:42 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GRAB02 **York Sample ID:** 24F1590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:42 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.5 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.0**		%	0.100	1	SM 2540G	06/27/2024 17:35	06/27/2024 17:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: GRAB03 **York Sample ID:** 24F1590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:47 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GRAB03 **York Sample ID:** 24F1590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:47 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0056	0.011	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0056	0.011	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: GRAB03 **York Sample ID:** 24F1590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:47 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GRAB03 **York Sample ID:** 24F1590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:47 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260D	06/26/2024 11:30	06/26/2024 21:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.5 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.9 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.7**		%	0.100	1	SM 2540G	06/27/2024 17:35	06/27/2024 17:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: GRAB04 **York Sample ID:** 24F1590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:52 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GRAB04 **York Sample ID:** 24F1590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:52 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0060	0.012	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0060	0.012	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: GRAB04 **York Sample ID:** 24F1590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:52 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.018**		mg/kg dry	0.0060	0.012	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GRAB04 **York Sample ID:** 24F1590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:52 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0090	0.018	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.5 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.9**		%	0.100	1	SM 2540G	06/27/2024 17:35	06/27/2024 17:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: GRAB05 **York Sample ID:** 24F1590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:59 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GRAB05 **York Sample ID:** 24F1590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:59 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: GRAB05 **York Sample ID:** 24F1590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:59 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GRAB05 **York Sample ID:** 24F1590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 10:59 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0086	0.017	1	EPA 8260D	06/26/2024 11:30	06/26/2024 22:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.0 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.7**		%	0.100	1	SM 2540G	06/27/2024 17:35	06/27/2024 17:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: GRAB06 **York Sample ID:** 24F1590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:01 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GRAB06 **York Sample ID:** 24F1590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:01 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: GRAB06 **York Sample ID:** 24F1590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:01 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GRAB06 **York Sample ID:** 24F1590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:01 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0091	0.018	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.7 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.9**		%	0.100	1	SM 2540G	06/27/2024 17:35	06/27/2024 17:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: GRAB07 **York Sample ID:** 24F1590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:06 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.038	0.075	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GRAB07 **York Sample ID:** 24F1590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:06 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: GRAB07 **York Sample ID:** 24F1590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:06 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GRAB07 **York Sample ID:** 24F1590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:06 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	06/27/2024 11:17	06/27/2024 17:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.7**		%	0.100	1	SM 2540G	06/27/2024 17:35	06/27/2024 17:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: COMP01 **York Sample ID:** 24F1590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:10 am	06/24/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0855	0.171	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0855	0.171	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0855	0.171	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0855	0.171	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: COMP01 **York Sample ID:** 24F1590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:10 am	06/24/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0855	0.171	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0855	0.171	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0855	0.171	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0855	0.171	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.171	0.343	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.171	0.343	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: COMP01 **York Sample ID:** 24F1590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:10 am	06/24/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0855	0.171	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0855	0.171	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: COMP01 **York Sample ID:** 24F1590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:10 am	06/24/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0429	0.0855	2	EPA 8270E	06/25/2024 08:19	06/25/2024 18:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*80.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*75.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*81.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.9 %*	*24-116*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.114	0.182	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0546	0.206	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: COMP01 **York Sample ID:** 24F1590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:10 am	06/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.108	0.206	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.185	0.189	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.177	0.206	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.172	0.192	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.195	0.206	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.197	0.206	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.206	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.206	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.153	0.206	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.200	0.206	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.112	0.412	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.151	0.206	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.160	0.206	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.197	0.199	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.613	0.783	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.778	0.792	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.112	0.825	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.143	0.367	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.199	0.412	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0639	0.412	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 01:55	ER
								Certifications: NELAC-NH2097			

Sample Information

Client Sample ID: COMP01 **York Sample ID:** 24F1590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:10 am	06/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0990	0.412	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/26/2024 14:47	06/28/2024 01:55	ER
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/26/2024 14:47	06/28/2024 01:55	ER
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.613	0.773	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/26/2024 14:47	06/28/2024 01:55	ER
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.627	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/26/2024 14:47	06/28/2024 01:55	ER
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.321	0.779	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/26/2024 14:47	06/28/2024 01:55	ER
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.254	0.771	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/26/2024 14:47	06/28/2024 01:55	ER
919005-14-4	ADONA	ND		ug/kg dry	0.179	0.779	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/26/2024 14:47	06/28/2024 01:55	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.174	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/26/2024 14:47	06/28/2024 01:55	ER
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.128	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/26/2024 14:47	06/28/2024 01:55	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV -L	ug/kg dry	0.654	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/26/2024 14:47	06/28/2024 01:55	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.16	5.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/26/2024 14:47	06/28/2024 01:55	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND	PF-CCV -L	ug/kg dry	1.55	5.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/26/2024 14:47	06/28/2024 01:55	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.630	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/26/2024 14:47	06/28/2024 01:55	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.186	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/26/2024 14:47	06/28/2024 01:55	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.719	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/26/2024 14:47	06/28/2024 01:55	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/26/2024 14:47	06/28/2024 01:55	ER

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*96.1 %*	*25-150*
Surrogate: M5PFHxA	*91.8 %*	*25-150*
Surrogate: M4PFHpA	*89.2 %*	*25-150*
Surrogate: M3PFHxS	*95.5 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*97.4 %*	*25-150*
Surrogate: M6PFDA	*88.8 %*	*25-150*
Surrogate: M7PFUdA	*93.3 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*66.5 %*	*25-150*
Surrogate: M2PFTeDA	*58.2 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*71.6 %*	*25-150*

Sample Information

Client Sample ID: COMP01 **York Sample ID:** 24F1590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:10 am	06/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*88.6 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*76.7 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*86.4 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*80.4 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*84.4 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*122 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*105 %*			*25-200*						
	Surrogate: M9PFNA	*82.0 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*90.0 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*40.4 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*54.7 %*			*25-150*						
	Surrogate: M3HFPO-DA	*100 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*16.6 %*	PFSu-L		*25-150*						
	Surrogate: d7-N-MeFOSE	*20.3 %*	PFSu-L		*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0338	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: COMP01 **York Sample ID:** 24F1590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:10 am	06/24/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde [2C]	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.169	5	EPA 8081B	06/25/2024 08:16	06/26/2024 08:32	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A	06/25/2024 08:16	06/27/2024 03:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A	06/25/2024 08:16	06/27/2024 03:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A	06/25/2024 08:16	06/27/2024 03:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A	06/25/2024 08:16	06/27/2024 03:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A	06/25/2024 08:16	06/27/2024 03:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A	06/25/2024 08:16	06/27/2024 03:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: COMP01 **York Sample ID:** 24F1590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:10 am	06/24/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A	06/25/2024 08:16	06/27/2024 03:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A	06/25/2024 08:16	06/27/2024 03:49	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1060**		mg/kg dry	4.33	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.16	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.47**		mg/kg dry	1.30	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**59.6**		mg/kg dry	2.16	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.044	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.45**		mg/kg dry	0.260	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**255000**		mg/kg dry	4.33	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**2.45**		mg/kg dry	0.433	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**0.563**		mg/kg dry	0.346	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**4.49**		mg/kg dry	1.73	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**2520**		mg/kg dry	21.6	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**9.34**		mg/kg dry	0.433	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**20100**		mg/kg dry	4.33	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**300**		mg/kg dry	0.433	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**1.56**		mg/kg dry	0.863	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: COMP01 **York Sample ID:** 24F1590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:10 am	06/24/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**201**		mg/kg dry	4.33	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.16	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.436	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**110**		mg/kg dry	43.3	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.16	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**2.07**		mg/kg dry	0.863	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**221**		mg/kg dry	2.16	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0312	1	EPA 7473	06/26/2024 14:28	06/27/2024 16:05	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.2**		%	0.100	1	SM 2540G	06/26/2024 12:20	06/26/2024 14:14	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: COMP02 **York Sample ID:** 24F1590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:15 am	06/24/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0863	0.172	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: COMP02 **York Sample ID:** 24F1590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:15 am	06/24/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0863	0.172	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0863	0.172	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.173	0.346	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.173	0.346	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: COMP02 **York Sample ID:** 24F1590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:15 am	06/24/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: COMP02 **York Sample ID:** 24F1590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:15 am	06/24/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	06/25/2024 08:19	06/25/2024 19:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*71.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*67.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.0 %*	*24-116*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.115	0.183	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0548	0.207	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: COMP02 **York Sample ID:** 24F1590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:15 am	06/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.207	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.185	0.189	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.178	0.207	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.173	0.192	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.195	0.207	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.197	0.207	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.207	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.207	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.207	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.153	0.207	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.201	0.207	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.413	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.151	0.207	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.160	0.207	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.197	0.199	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.615	0.785	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.780	0.794	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.113	0.827	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.368	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.199	0.413	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0641	0.413	1	EPA 1633 Draft 3	06/26/2024 14:47	06/28/2024 02:11	ER
								Certifications: NELAC-NH2097			

Sample Information

Client Sample ID: COMP02 **York Sample ID:** 24F1590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:15 am	06/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0992	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/26/2024 14:47	06/28/2024 02:11	ER
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/26/2024 14:47	06/28/2024 02:11	ER
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.615	0.775	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/26/2024 14:47	06/28/2024 02:11	ER
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.628	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/26/2024 14:47	06/28/2024 02:11	ER
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.321	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/26/2024 14:47	06/28/2024 02:11	ER
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.254	0.773	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/26/2024 14:47	06/28/2024 02:11	ER
919005-14-4	ADONA	ND		ug/kg dry	0.180	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/26/2024 14:47	06/28/2024 02:11	ER
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.175	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/26/2024 14:47	06/28/2024 02:11	ER
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.128	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/26/2024 14:47	06/28/2024 02:11	ER
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV -L	ug/kg dry	0.655	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/26/2024 14:47	06/28/2024 02:11	ER
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.17	5.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/26/2024 14:47	06/28/2024 02:11	ER
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND	PF-CCV -L	ug/kg dry	1.55	5.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/26/2024 14:47	06/28/2024 02:11	ER
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.631	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/26/2024 14:47	06/28/2024 02:11	ER
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/26/2024 14:47	06/28/2024 02:11	ER
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.720	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/26/2024 14:47	06/28/2024 02:11	ER
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/26/2024 14:47	06/28/2024 02:11	ER

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*98.4 %*		*25-150*
Surrogate: M5PFHxA	*90.3 %*		*25-150*
Surrogate: M4PFHpA	*93.3 %*		*25-150*
Surrogate: M3PFHxS	*97.4 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*99.3 %*		*25-150*
Surrogate: M6PFDA	*80.4 %*		*25-150*
Surrogate: M7PFUdA	*82.2 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*65.7 %*		*25-150*
Surrogate: M2PFTeDA	*39.5 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*18.1 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: COMP02 **York Sample ID:** 24F1590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:15 am	06/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*87.5 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*74.5 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*82.2 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*78.5 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*81.5 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*114 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*90.3 %*			*25-200*						
	Surrogate: M9PFNA	*92.3 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*91.4 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*45.3 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*59.2 %*			*25-150*						
	Surrogate: M3HFPO-DA	*101 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*21.7 %*	PFSu-L		*25-150*						
	Surrogate: d7-N-MeFOSE	*26.2 %*			*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0338	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: COMP02 **York Sample ID:** 24F1590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:15 am	06/24/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.169	5	EPA 8081B	06/25/2024 08:16	06/27/2024 19:34	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A	06/25/2024 08:16	06/27/2024 04:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A	06/25/2024 08:16	06/27/2024 04:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A	06/25/2024 08:16	06/27/2024 04:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A	06/25/2024 08:16	06/27/2024 04:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A	06/25/2024 08:16	06/27/2024 04:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A	06/25/2024 08:16	06/27/2024 04:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: COMP02 **York Sample ID:** 24F1590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:15 am	06/24/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A	06/25/2024 08:16	06/27/2024 04:03	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A	06/25/2024 08:16	06/27/2024 04:03	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**782**		mg/kg dry	4.34	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.17	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.81**		mg/kg dry	1.30	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**442**		mg/kg dry	2.17	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.044	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.260	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**361000**		mg/kg dry	43.4	10	EPA 6010D	06/25/2024 18:19	06/27/2024 16:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.599**		mg/kg dry	0.434	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/kg dry	0.347	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**6.42**		mg/kg dry	1.74	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**4120**		mg/kg dry	21.7	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**13.3**		mg/kg dry	0.434	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**29400**		mg/kg dry	4.34	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**458**		mg/kg dry	0.434	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**0.920**		mg/kg dry	0.865	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: COMP02 **York Sample ID:** 24F1590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Soil	June 24, 2024 11:15 am	06/24/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**214**		mg/kg dry	4.34	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.17	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.438	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**339**		mg/kg dry	43.4	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.17	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**1.59**		mg/kg dry	0.865	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**36.3**		mg/kg dry	2.16	1	EPA 6010D	06/25/2024 18:19	06/27/2024 13:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0313	1	EPA 7473	06/26/2024 14:28	06/27/2024 16:05	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.0**		%	0.100	1	SM 2540G	06/26/2024 12:20	06/26/2024 14:14	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TRIPBLANK062424 **York Sample ID:** 24F1590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Water	June 24, 2024 11:15 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TRIPBLANK062424 **York Sample ID:** 24F1590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Water	June 24, 2024 11:15 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**2.9**		ug/L	1.0	2.0	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TRIPBLANK062424 **York Sample ID:** 24F1590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Water	June 24, 2024 11:15 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	* o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	* p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TRIPBLANK062424 **York Sample ID:** 24F1590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F1590	100688802	Water	June 24, 2024 11:15 am	06/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	06/26/2024 09:08	06/26/2024 18:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.6 %*	*79-122*

Analytical Batch Summary

Batch ID: BF41622 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24F1590-08	COMP01	06/25/24
24F1590-08	COMP01	06/25/24
24F1590-09	COMP02	06/25/24
24F1590-09	COMP02	06/25/24
BF41622-BLK1	Blank	06/25/24
BF41622-BLK2	Blank	06/25/24
BF41622-BS1	LCS	06/25/24
BF41622-BS2	LCS	06/25/24
BF41622-MS1	Matrix Spike	06/25/24
BF41622-MS2	Matrix Spike	06/25/24
BF41622-MSD2	Matrix Spike Dup	06/25/24

Batch ID: BF41623 **Preparation Method:** EPA 3550C **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24F1590-08	COMP01	06/25/24
24F1590-09	COMP02	06/25/24
BF41623-BLK1	Blank	06/25/24
BF41623-MS1	Matrix Spike	06/25/24
BF41623-MSD1	Matrix Spike Dup	06/25/24

Batch ID: BF41710 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24F1590-08	COMP01	06/25/24
24F1590-09	COMP02	06/25/24
24F1590-09RE1	COMP02	06/25/24
BF41710-BLK1	Blank	06/25/24
BF41710-DUP1	Duplicate	06/25/24
BF41710-MS1	Matrix Spike	06/25/24
BF41710-PS1	Post Spike	06/25/24
BF41710-SRM1	Reference	06/25/24

Batch ID: BF41725 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24F1590-08	COMP01	06/26/24
24F1590-09	COMP02	06/26/24
BF41725-DUP1	Duplicate	06/26/24

Batch ID: BF41789 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date

24F1590-08	COMP01	06/26/24
24F1590-09	COMP02	06/26/24
BF41789-BLK1	Blank	06/26/24
BF41789-DUP1	Duplicate	06/26/24
BF41789-MS1	Matrix Spike	06/26/24
BF41789-SRM1	Reference	06/26/24

Batch ID: BF41792 **Preparation Method:** EPA 1633 Prep **Prepared By:** K H

YORK Sample ID	Client Sample ID	Preparation Date
24F1590-08	COMP01	06/26/24
24F1590-09	COMP02	06/26/24
BF41792-BLK1	Blank	06/26/24
BF41792-BS1	LCS	06/26/24
BF41792-BS2	LCS	06/26/24

Batch ID: BF41802 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24F1590-10	TRIPBLANK062424	06/26/24
BF41802-BLK1	Blank	06/26/24
BF41802-BS1	LCS	06/26/24
BF41802-BSD1	LCS Dup	06/26/24

Batch ID: BF41805 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24F1590-01	GRAB01	06/26/24
24F1590-02	GRAB02	06/26/24
24F1590-03	GRAB03	06/26/24
24F1590-04	GRAB04	06/26/24
24F1590-05	GRAB05	06/26/24
BF41805-BLK1	Blank	06/26/24
BF41805-BS1	LCS	06/26/24
BF41805-BSD1	LCS Dup	06/26/24

Batch ID: BF41922 **Preparation Method:** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24F1590-01	GRAB01	06/27/24
24F1590-02	GRAB02	06/27/24
24F1590-03	GRAB03	06/27/24
24F1590-04	GRAB04	06/27/24
24F1590-05	GRAB05	06/27/24
24F1590-06	GRAB06	06/27/24
24F1590-07	GRAB07	06/27/24
BF41922-DUP1	Duplicate	06/27/24

Batch ID: BF41967 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24F1590-06	GRAB06	06/27/24
24F1590-07	GRAB07	06/27/24
BF41967-BLK1	Blank	06/27/24
BF41967-BS1	LCS	06/27/24
BF41967-BSD1	LCS Dup	06/27/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41802 - EPA 5030B											
Blank (BF41802-BLK1) Blank									Prepared & Analyzed: 06/26/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41802 - EPA 5030B											
Blank (BF41802-BLK1) Blank								Prepared & Analyzed: 06/26/2024			
n-Butylbenzene	ND	0.50	ug/L								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.89*		*"*	*10.0*		*98.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.64*		*"*	*10.0*		*96.4*	*79-122*				
LCS (BF41802-BS1) LCS								Prepared & Analyzed: 06/26/2024			
1,1,1,2-Tetrachloroethane	9.7		ug/L	10.0		97.4	82-126				
1,1,1-Trichloroethane	9.4		"	10.0		93.7	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		109	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		107	54-165				
1,1,2-Trichloroethane	9.6		"	10.0		96.3	82-123				
1,1-Dichloroethane	9.2		"	10.0		92.1	82-129				
1,1-Dichloroethylene	11		"	10.0		106	68-138				
1,2,3-Trichlorobenzene	9.0		"	10.0		89.9	40-130				
1,2,3-Trichloropropane	11		"	10.0		112	77-128				
1,2,4-Trichlorobenzene	9.4		"	10.0		94.4	65-137				
1,2,4-Trimethylbenzene	11		"	10.0		110	82-132				
1,2-Dibromo-3-chloropropane	9.5		"	10.0		95.3	45-147				
1,2-Dibromoethane	9.8		"	10.0		97.8	83-124				
1,2-Dichlorobenzene	11		"	10.0		107	79-123				
1,2-Dichloroethane	8.5		"	10.0		84.7	73-132				
1,2-Dichloropropane	9.7		"	10.0		96.6	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		115	80-131				
1,3-Dichlorobenzene	11		"	10.0		105	86-130				
1,4-Dichlorobenzene	10		"	10.0		104	85-130				
1,4-Dioxane	170		"	210		79.0	10-349				
2-Butanone	7.9		"	10.0		79.3	49-152				
2-Hexanone	8.1		"	10.0		81.0	51-146				
4-Methyl-2-pentanone	7.4		"	10.0		73.5	57-145				
Acetone	9.2		"	10.0		91.5	14-150				
Acrolein	2.5		"	10.0		25.3	10-153				
Acrylonitrile	8.2		"	10.0		82.4	51-150				
Benzene	9.7		"	10.0		97.1	85-126				
Bromochloromethane	8.4		"	10.0		84.0	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41802 - EPA 5030B											
LCS (BF41802-BS1) LCS							Prepared & Analyzed: 06/26/2024				
Bromodichloromethane	9.0		ug/L	10.0		90.0	79-128				
Bromoform	8.9		"	10.0		89.3	78-133				
Bromomethane	3.6		"	10.0		36.3	43-168	Low Bias			
Carbon disulfide	11		"	10.0		110	68-146				
Carbon tetrachloride	9.3		"	10.0		92.7	77-141				
Chlorobenzene	10		"	10.0		102	88-120				
Chloroethane	8.9		"	10.0		88.8	65-136				
Chloroform	9.1		"	10.0		91.0	82-128				
Chloromethane	7.9		"	10.0		78.9	43-155				
cis-1,2-Dichloroethylene	9.2		"	10.0		92.0	83-129				
cis-1,3-Dichloropropylene	9.4		"	10.0		94.1	80-131				
Cyclohexane	4.1		"	10.0		40.7	63-149	Low Bias			
Dibromochloromethane	9.2		"	10.0		92.5	80-130				
Dibromomethane	9.2		"	10.0		92.5	72-134				
Dichlorodifluoromethane	12		"	10.0		118	44-144				
Ethyl Benzene	10		"	10.0		104	80-131				
Hexachlorobutadiene	8.5		"	10.0		85.4	67-146				
Isopropylbenzene	12		"	10.0		115	76-140				
Methyl acetate	7.9		"	10.0		78.6	51-139				
Methyl tert-butyl ether (MTBE)	8.5		"	10.0		84.6	76-135				
Methylcyclohexane	9.8		"	10.0		98.1	72-143				
Methylene chloride	8.5		"	10.0		85.2	55-137				
n-Butylbenzene	9.7		"	10.0		96.8	79-132				
n-Propylbenzene	11		"	10.0		109	78-133				
o-Xylene	10		"	10.0		100	78-130				
p- & m- Xylenes	21		"	20.0		103	77-133				
p-Isopropyltoluene	11		"	10.0		109	81-136				
sec-Butylbenzene	11		"	10.0		106	79-137				
Styrene	9.8		"	10.0		98.2	67-132				
tert-Butyl alcohol (TBA)	36		"	50.0		71.4	25-162				
tert-Butylbenzene	9.6		"	10.0		96.1	77-138				
Tetrachloroethylene	10		"	10.0		105	82-131				
Toluene	10		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	9.4		"	10.0		94.4	80-132				
trans-1,3-Dichloropropylene	9.1		"	10.0		91.2	78-131				
trans-1,4-dichloro-2-butene	10		"	10.0		103	63-141				
Trichloroethylene	9.9		"	10.0		99.0	82-128				
Trichlorofluoromethane	11		"	10.0		109	67-139				
Vinyl Chloride	9.2		"	10.0		92.0	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.83*		*"*	*10.0*		*88.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41802 - EPA 5030B											
LCS Dup (BF41802-BSD1) LCS Dup								Prepared & Analyzed: 06/26/2024			
1,1,1,2-Tetrachloroethane	9.2		ug/L	10.0		92.2	82-126		5.49	30	
1,1,1-Trichloroethane	8.9		"	10.0		89.4	78-136		4.70	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		107	76-129		1.48	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		102	54-165		4.60	30	
1,1,2-Trichloroethane	10		"	10.0		100	82-123		4.27	30	
1,1-Dichloroethane	8.9		"	10.0		88.6	82-129		3.87	30	
1,1-Dichloroethylene	10		"	10.0		102	68-138		4.71	30	
1,2,3-Trichlorobenzene	8.7		"	10.0		86.6	40-130		3.74	30	
1,2,3-Trichloropropane	11		"	10.0		108	77-128		3.37	30	
1,2,4-Trichlorobenzene	8.9		"	10.0		89.4	65-137		5.44	30	
1,2,4-Trimethylbenzene	9.7		"	10.0		96.9	82-132		12.8	30	
1,2-Dibromo-3-chloropropane	9.6		"	10.0		95.9	45-147		0.628	30	
1,2-Dibromoethane	10		"	10.0		101	83-124		3.61	30	
1,2-Dichlorobenzene	9.8		"	10.0		98.5	79-123		8.18	30	
1,2-Dichloroethane	8.8		"	10.0		88.5	73-132		4.39	30	
1,2-Dichloropropane	9.2		"	10.0		92.1	78-126		4.77	30	
1,3,5-Trimethylbenzene	9.9		"	10.0		99.4	80-131		14.4	30	
1,3-Dichlorobenzene	9.7		"	10.0		96.9	86-130		8.31	30	
1,4-Dichlorobenzene	9.7		"	10.0		97.1	85-130		7.05	30	
1,4-Dioxane	200		"	210		95.5	10-349		18.9	30	
2-Butanone	8.9		"	10.0		89.1	49-152		11.6	30	
2-Hexanone	9.3		"	10.0		93.1	51-146		13.9	30	
4-Methyl-2-pentanone	8.4		"	10.0		83.7	57-145		13.0	30	
Acetone	9.7		"	10.0		97.1	14-150		5.94	30	
Acrolein	2.9		"	10.0		29.2	10-153		14.3	30	
Acrylonitrile	9.3		"	10.0		93.4	51-150		12.5	30	
Benzene	9.3		"	10.0		92.9	85-126		4.42	30	
Bromochloromethane	8.6		"	10.0		85.8	77-128		2.12	30	
Bromodichloromethane	8.8		"	10.0		87.5	79-128		2.82	30	
Bromoform	9.6		"	10.0		95.9	78-133		7.13	30	
Bromomethane	3.5		"	10.0		34.8	43-168	Low Bias	4.22	30	
Carbon disulfide	11		"	10.0		106	68-146		3.99	30	
Carbon tetrachloride	8.8		"	10.0		87.5	77-141		5.77	30	
Chlorobenzene	9.7		"	10.0		97.2	88-120		5.21	30	
Chloroethane	8.5		"	10.0		85.4	65-136		3.90	30	
Chloroform	8.9		"	10.0		89.1	82-128		2.11	30	
Chloromethane	7.3		"	10.0		72.7	43-155		8.18	30	
cis-1,2-Dichloroethylene	8.9		"	10.0		88.7	83-129		3.65	30	
cis-1,3-Dichloropropylene	9.3		"	10.0		92.9	80-131		1.28	30	
Cyclohexane	3.8		"	10.0		38.5	63-149	Low Bias	5.56	30	
Dibromochloromethane	9.5		"	10.0		94.7	80-130		2.35	30	
Dibromomethane	9.1		"	10.0		91.2	72-134		1.42	30	
Dichlorodifluoromethane	11		"	10.0		109	44-144		8.03	30	
Ethyl Benzene	9.7		"	10.0		96.6	80-131		6.90	30	
Hexachlorobutadiene	8.7		"	10.0		87.4	67-146		2.31	30	
Isopropylbenzene	9.7		"	10.0		97.2	76-140		16.9	30	
Methyl acetate	8.8		"	10.0		87.9	51-139		11.2	30	
Methyl tert-butyl ether (MTBE)	9.4		"	10.0		93.5	76-135		9.99	30	
Methylcyclohexane	9.0		"	10.0		90.4	72-143		8.17	30	
Methylene chloride	8.5		"	10.0		85.0	55-137		0.235	30	
n-Butylbenzene	8.8		"	10.0		88.3	79-132		9.18	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41802 - EPA 5030B											
LCS Dup (BF41802-BSD1) LCS Dup								Prepared & Analyzed: 06/26/2024			
n-Propylbenzene	9.5		ug/L	10.0		94.7	78-133		14.1	30	
o-Xylene	9.5		"	10.0		94.6	78-130		5.85	30	
p- & m- Xylenes	19		"	20.0		95.1	77-133		7.54	30	
p-Isopropyltoluene	9.5		"	10.0		94.9	81-136		13.5	30	
sec-Butylbenzene	9.4		"	10.0		94.0	79-137		12.1	30	
Styrene	9.6		"	10.0		95.5	67-132		2.79	30	
tert-Butyl alcohol (TBA)	47		"	50.0		93.1	25-162		26.3	30	
tert-Butylbenzene	8.5		"	10.0		84.6	77-138		12.7	30	
Tetrachloroethylene	9.9		"	10.0		98.6	82-131		6.00	30	
Toluene	9.5		"	10.0		94.9	80-127		9.63	30	
trans-1,2-Dichloroethylene	9.0		"	10.0		90.4	80-132		4.33	30	
trans-1,3-Dichloropropylene	9.2		"	10.0		92.5	78-131		1.42	30	
trans-1,4-dichloro-2-butene	9.7		"	10.0		97.4	63-141		5.30	30	
Trichloroethylene	9.3		"	10.0		93.4	82-128		5.82	30	
Trichlorofluoromethane	10		"	10.0		101	67-139		7.34	30	
Vinyl Chloride	8.6		"	10.0		86.0	58-145		6.74	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.80*		*"*	*10.0*		*98.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.68*		*"*	*10.0*		*96.8*	*79-122*				
Batch BF41805 - EPA 5035A											
Blank (BF41805-BLK1) Blank								Prepared & Analyzed: 06/26/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41805 - EPA 5035A											
Blank (BF41805-BLK1) Blank									Prepared & Analyzed: 06/26/2024		
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.8*		*ug/L*	*50.0*		*99.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*43.6*		*"*	*50.0*		*87.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.2*		*"*	*50.0*		*94.4*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41805 - EPA 5035A											
LCS (BF41805-BS1) LCS							Prepared & Analyzed: 06/26/2024				
1,1,1,2-Tetrachloroethane	45		ug/L	50.0		90.5	75-129				
1,1,1-Trichloroethane	61		"	50.0		122	71-137				
1,1,2,2-Tetrachloroethane	45		"	50.0		89.8	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		102	58-146				
1,1,2-Trichloroethane	48		"	50.0		95.0	83-123				
1,1-Dichloroethane	58		"	50.0		116	75-130				
1,1-Dichloroethylene	55		"	50.0		109	64-137				
1,2,3-Trichlorobenzene	45		"	50.0		90.1	81-140				
1,2,3-Trichloropropane	45		"	50.0		89.4	81-126				
1,2,4-Trichlorobenzene	46		"	50.0		91.9	80-141				
1,2,4-Trimethylbenzene	43		"	50.0		85.3	84-125				
1,2-Dibromo-3-chloropropane	46		"	50.0		91.4	74-142				
1,2-Dibromoethane	48		"	50.0		96.7	86-123				
1,2-Dichlorobenzene	43		"	50.0		85.8	85-122				
1,2-Dichloroethane	58		"	50.0		116	71-133				
1,2-Dichloropropane	47		"	50.0		93.1	81-122				
1,3,5-Trimethylbenzene	44		"	50.0		87.9	82-126				
1,3-Dichlorobenzene	43		"	50.0		85.1	84-124				
1,4-Dichlorobenzene	42		"	50.0		84.7	84-124				
1,4-Dioxane	930		"	1050		88.4	10-228				
2-Butanone	59		"	50.0		118	58-147				
2-Hexanone	44		"	50.0		88.7	70-139				
4-Methyl-2-pentanone	46		"	50.0		91.8	72-132				
Acetone	39		"	50.0		78.4	36-155				
Acrolein	24		"	50.0		48.1	10-238				
Acrylonitrile	62		"	50.0		125	66-141				
Benzene	61		"	50.0		123	77-127				
Bromochloromethane	55		"	50.0		109	74-129				
Bromodichloromethane	45		"	50.0		90.0	81-124				
Bromoform	43		"	50.0		85.7	80-136				
Bromomethane	45		"	50.0		90.2	32-177				
Carbon disulfide	69		"	50.0		139	10-136	High Bias			
Carbon tetrachloride	60		"	50.0		120	66-143				
Chlorobenzene	47		"	50.0		94.0	86-120				
Chloroethane	52		"	50.0		103	51-142				
Chloroform	59		"	50.0		118	76-131				
Chloromethane	53		"	50.0		105	49-132				
cis-1,2-Dichloroethylene	60		"	50.0		120	74-132				
cis-1,3-Dichloropropylene	50		"	50.0		100	81-129				
Cyclohexane	55		"	50.0		109	70-130				
Dibromochloromethane	48		"	50.0		96.1	10-200				
Dibromomethane	46		"	50.0		91.4	83-124				
Dichlorodifluoromethane	70		"	50.0		141	28-158				
Ethyl Benzene	47		"	50.0		94.0	84-125				
Hexachlorobutadiene	44		"	50.0		88.6	83-133				
Isopropylbenzene	42		"	50.0		85.0	81-127				
Methyl acetate	50		"	50.0		99.3	41-143				
Methyl tert-butyl ether (MTBE)	63		"	50.0		125	74-131				
Methylcyclohexane	45		"	50.0		90.9	70-130				
Methylene chloride	55		"	50.0		109	57-141				
n-Butylbenzene	42		"	50.0		83.7	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41805 - EPA 5035A											
LCS (BF41805-BS1) LCS							Prepared & Analyzed: 06/26/2024				
n-Propylbenzene	41		ug/L	50.0		82.3	74-136				
o-Xylene	47		"	50.0		93.9	83-123				
p- & m- Xylenes	92		"	100		92.2	82-128				
p-Isopropyltoluene	43		"	50.0		86.3	85-125				
sec-Butylbenzene	42		"	50.0		83.5	83-125				
Styrene	47		"	50.0		93.7	86-126				
tert-Butyl alcohol (TBA)	430		"	250		172	70-130	High Bias			
tert-Butylbenzene	42		"	50.0		83.4	80-127				
Tetrachloroethylene	41		"	50.0		82.3	80-129				
Toluene	47		"	50.0		94.0	85-121				
trans-1,2-Dichloroethylene	60		"	50.0		119	72-132				
trans-1,3-Dichloropropylene	51		"	50.0		103	78-132				
trans-1,4-dichloro-2-butene	46		"	50.0		92.8	75-135				
Trichloroethylene	47		"	50.0		93.4	84-123				
Trichlorofluoromethane	50		"	50.0		99.2	62-140				
Vinyl Chloride	54		"	50.0		107	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*"*	*50.0*		*98.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*43.2*		*"*	*50.0*		*86.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.1*	*76-130*				
LCS Dup (BF41805-BSD1) LCS Dup							Prepared & Analyzed: 06/26/2024				
1,1,1,2-Tetrachloroethane	46		ug/L	50.0		91.3	75-129		0.858	30	
1,1,1-Trichloroethane	62		"	50.0		123	71-137		1.16	30	
1,1,2,2-Tetrachloroethane	44		"	50.0		88.2	79-129		1.86	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		105	58-146		2.89	30	
1,1,2-Trichloroethane	47		"	50.0		94.3	83-123		0.740	30	
1,1-Dichloroethane	58		"	50.0		117	75-130		0.741	30	
1,1-Dichloroethylene	57		"	50.0		113	64-137		3.59	30	
1,2,3-Trichlorobenzene	44		"	50.0		88.3	81-140		2.02	30	
1,2,3-Trichloropropane	45		"	50.0		90.6	81-126		1.27	30	
1,2,4-Trichlorobenzene	45		"	50.0		89.7	80-141		2.45	30	
1,2,4-Trimethylbenzene	42		"	50.0		84.2	84-125		1.37	30	
1,2-Dibromo-3-chloropropane	46		"	50.0		92.1	74-142		0.698	30	
1,2-Dibromoethane	48		"	50.0		97.0	86-123		0.330	30	
1,2-Dichlorobenzene	42		"	50.0		84.2	85-122	Low Bias	1.86	30	
1,2-Dichloroethane	58		"	50.0		116	71-133		0.742	30	
1,2-Dichloropropane	47		"	50.0		93.2	81-122		0.0859	30	
1,3,5-Trimethylbenzene	44		"	50.0		87.1	82-126		0.846	30	
1,3-Dichlorobenzene	43		"	50.0		85.5	84-124		0.492	30	
1,4-Dichlorobenzene	42		"	50.0		84.0	84-124		0.901	30	
1,4-Dioxane	1100		"	1050		103	10-228		14.9	30	
2-Butanone	62		"	50.0		124	58-147		4.52	30	
2-Hexanone	45		"	50.0		90.9	70-139		2.52	30	
4-Methyl-2-pentanone	47		"	50.0		93.8	72-132		2.20	30	
Acetone	41		"	50.0		82.5	36-155		5.12	30	
Acrolein	54		"	50.0		108	10-238		77.1	30	Non-dir.
Acrylonitrile	64		"	50.0		128	66-141		2.55	30	
Benzene	62		"	50.0		124	77-127		1.17	30	
Bromochloromethane	56		"	50.0		113	74-129		3.03	30	
Bromodichloromethane	45		"	50.0		90.9	81-124		0.929	30	
Bromoform	43		"	50.0		86.3	80-136		0.605	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41805 - EPA 5035A											
LCS Dup (BF41805-BSD1) LCS Dup								Prepared & Analyzed: 06/26/2024			
Bromomethane	45		ug/L	50.0		89.1	32-177		1.25	30	
Carbon disulfide	70		"	50.0		139	10-136	High Bias	0.331	30	
Carbon tetrachloride	61		"	50.0		121	66-143		0.696	30	
Chlorobenzene	47		"	50.0		93.7	86-120		0.298	30	
Chloroethane	53		"	50.0		105	51-142		1.92	30	
Chloroform	59		"	50.0		117	76-131		0.628	30	
Chloromethane	50		"	50.0		101	49-132		4.34	30	
cis-1,2-Dichloroethylene	60		"	50.0		120	74-132		0.0333	30	
cis-1,3-Dichloropropylene	49		"	50.0		98.7	81-129		1.47	30	
Cyclohexane	56		"	50.0		112	70-130		2.75	30	
Dibromochloromethane	48		"	50.0		96.0	10-200		0.0625	30	
Dibromomethane	46		"	50.0		91.4	83-124		0.0219	30	
Dichlorodifluoromethane	62		"	50.0		124	28-158		12.3	30	
Ethyl Benzene	47		"	50.0		94.6	84-125		0.679	30	
Hexachlorobutadiene	43		"	50.0		86.5	83-133		2.44	30	
Isopropylbenzene	42		"	50.0		83.9	81-127		1.23	30	
Methyl acetate	51		"	50.0		102	41-143		2.76	30	
Methyl tert-butyl ether (MTBE)	62		"	50.0		124	74-131		1.12	30	
Methylcyclohexane	46		"	50.0		91.1	70-130		0.176	30	
Methylene chloride	55		"	50.0		109	57-141		0.128	30	
n-Butylbenzene	41		"	50.0		82.9	80-130		0.912	30	
n-Propylbenzene	41		"	50.0		82.2	74-136		0.122	30	
o-Xylene	47		"	50.0		94.5	83-123		0.701	30	
p- & m- Xylenes	93		"	100		93.1	82-128		0.983	30	
p-Isopropyltoluene	43		"	50.0		85.9	85-125		0.465	30	
sec-Butylbenzene	42		"	50.0		83.0	83-125		0.553	30	
Styrene	47		"	50.0		94.4	86-126		0.787	30	
tert-Butyl alcohol (TBA)	430		"	250		173	70-130	High Bias	0.622	30	
tert-Butylbenzene	41		"	50.0		82.7	80-127		0.915	30	
Tetrachloroethylene	41		"	50.0		81.8	80-129		0.609	30	
Toluene	47		"	50.0		94.9	85-121		0.974	30	
trans-1,2-Dichloroethylene	60		"	50.0		120	72-132		1.25	30	
trans-1,3-Dichloropropylene	51		"	50.0		101	78-132		1.63	30	
trans-1,4-dichloro-2-butene	46		"	50.0		91.7	75-135		1.17	30	
Trichloroethylene	46		"	50.0		92.0	84-123		1.47	30	
Trichlorofluoromethane	49		"	50.0		97.4	62-140		1.89	30	
Vinyl Chloride	54		"	50.0		107	52-130		0.149	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*43.5*		*"*	*50.0*		*87.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41967 - EPA 5035A											
Blank (BF41967-BLK1) Blank									Prepared & Analyzed: 06/27/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41967 - EPA 5035A											
Blank (BF41967-BLK1) Blank								Prepared & Analyzed: 06/27/2024			
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*ug/L*	*50.0*		*97.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.2*		*"*	*50.0*		*98.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.1*	*76-130*				
LCS (BF41967-BS1) LCS								Prepared & Analyzed: 06/27/2024			
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	49		"	50.0		97.3	71-137				
1,1,2,2-Tetrachloroethane	52		"	50.0		105	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		106	58-146				
1,1,2-Trichloroethane	50		"	50.0		99.9	83-123				
1,1-Dichloroethane	49		"	50.0		99.0	75-130				
1,1-Dichloroethylene	53		"	50.0		105	64-137				
1,2,3-Trichlorobenzene	53		"	50.0		106	81-140				
1,2,3-Trichloropropane	51		"	50.0		102	81-126				
1,2,4-Trichlorobenzene	53		"	50.0		105	80-141				
1,2,4-Trimethylbenzene	51		"	50.0		103	84-125				
1,2-Dibromo-3-chloropropane	51		"	50.0		102	74-142				
1,2-Dibromoethane	50		"	50.0		101	86-123				
1,2-Dichlorobenzene	50		"	50.0		99.2	85-122				
1,2-Dichloroethane	50		"	50.0		100	71-133				
1,2-Dichloropropane	50		"	50.0		100	81-122				
1,3,5-Trimethylbenzene	52		"	50.0		105	82-126				
1,3-Dichlorobenzene	49		"	50.0		98.9	84-124				
1,4-Dichlorobenzene	49		"	50.0		97.7	84-124				
1,4-Dioxane	980		"	1050		93.3	10-228				
2-Butanone	55		"	50.0		110	58-147				
2-Hexanone	53		"	50.0		106	70-139				
4-Methyl-2-pentanone	39		"	50.0		78.1	72-132				
Acetone	29		"	50.0		57.3	36-155				
Acrolein	37		"	50.0		74.8	10-238				
Acrylonitrile	52		"	50.0		104	66-141				
Benzene	51		"	50.0		102	77-127				
Bromochloromethane	46		"	50.0		91.5	74-129				
Bromodichloromethane	50		"	50.0		101	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41967 - EPA 5035A											
LCS (BF41967-BS1) LCS							Prepared & Analyzed: 06/27/2024				
Bromoform	52		ug/L	50.0		105	80-136				
Bromomethane	46		"	50.0		91.6	32-177				
Carbon disulfide	51		"	50.0		103	10-136				
Carbon tetrachloride	50		"	50.0		101	66-143				
Chlorobenzene	50		"	50.0		101	86-120				
Chloroethane	48		"	50.0		95.7	51-142				
Chloroform	48		"	50.0		95.7	76-131				
Chloromethane	42		"	50.0		85.0	49-132				
cis-1,2-Dichloroethylene	50		"	50.0		99.0	74-132				
cis-1,3-Dichloropropylene	49		"	50.0		98.1	81-129				
Cyclohexane	52		"	50.0		103	70-130				
Dibromochloromethane	51		"	50.0		102	10-200				
Dibromomethane	49		"	50.0		98.1	83-124				
Dichlorodifluoromethane	43		"	50.0		86.3	28-158				
Ethyl Benzene	51		"	50.0		102	84-125				
Hexachlorobutadiene	52		"	50.0		104	83-133				
Isopropylbenzene	52		"	50.0		103	81-127				
Methyl acetate	45		"	50.0		90.3	41-143				
Methyl tert-butyl ether (MTBE)	50		"	50.0		100	74-131				
Methylcyclohexane	50		"	50.0		100	70-130				
Methylene chloride	49		"	50.0		97.1	57-141				
n-Butylbenzene	50		"	50.0		101	80-130				
n-Propylbenzene	51		"	50.0		102	74-136				
o-Xylene	50		"	50.0		100	83-123				
p- & m- Xylenes	99		"	100		99.2	82-128				
p-Isopropyltoluene	52		"	50.0		103	85-125				
sec-Butylbenzene	50		"	50.0		101	83-125				
Styrene	52		"	50.0		104	86-126				
tert-Butyl alcohol (TBA)	240		"	250		96.0	70-130				
tert-Butylbenzene	45		"	50.0		89.4	80-127				
Tetrachloroethylene	46		"	50.0		91.1	80-129				
Toluene	50		"	50.0		100	85-121				
trans-1,2-Dichloroethylene	51		"	50.0		103	72-132				
trans-1,3-Dichloropropylene	51		"	50.0		102	78-132				
trans-1,4-dichloro-2-butene	53		"	50.0		107	75-135				
Trichloroethylene	50		"	50.0		101	84-123				
Trichlorofluoromethane	46		"	50.0		92.7	62-140				
Vinyl Chloride	45		"	50.0		90.1	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.8*		*"*	*50.0*		*95.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.7*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41967 - EPA 5035A											
LCS Dup (BF41967-BSD1) LCS Dup							Prepared & Analyzed: 06/27/2024				
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129		0.138	30	
1,1,1-Trichloroethane	47		"	50.0		95.0	71-137		2.41	30	
1,1,2,2-Tetrachloroethane	51		"	50.0		103	79-129		1.91	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		104	58-146		2.47	30	
1,1,2-Trichloroethane	50		"	50.0		101	83-123		0.817	30	
1,1-Dichloroethane	49		"	50.0		97.4	75-130		1.59	30	
1,1-Dichloroethylene	52		"	50.0		104	64-137		1.01	30	
1,2,3-Trichlorobenzene	52		"	50.0		105	81-140		0.589	30	
1,2,3-Trichloropropane	51		"	50.0		102	81-126		0.784	30	
1,2,4-Trichlorobenzene	52		"	50.0		104	80-141		1.20	30	
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125		0.761	30	
1,2-Dibromo-3-chloropropane	51		"	50.0		101	74-142		0.788	30	
1,2-Dibromoethane	51		"	50.0		101	86-123		0.396	30	
1,2-Dichlorobenzene	50		"	50.0		100	85-122		1.22	30	
1,2-Dichloroethane	50		"	50.0		99.3	71-133		1.00	30	
1,2-Dichloropropane	49		"	50.0		98.8	81-122		1.23	30	
1,3,5-Trimethylbenzene	51		"	50.0		103	82-126		1.87	30	
1,3-Dichlorobenzene	50		"	50.0		99.1	84-124		0.283	30	
1,4-Dichlorobenzene	49		"	50.0		97.6	84-124		0.102	30	
1,4-Dioxane	960		"	1050		91.0	10-228		2.42	30	
2-Butanone	54		"	50.0		108	58-147		2.51	30	
2-Hexanone	52		"	50.0		105	70-139		1.06	30	
4-Methyl-2-pentanone	38		"	50.0		76.6	72-132		1.91	30	
Acetone	28		"	50.0		56.1	36-155		2.05	30	
Acrolein	35		"	50.0		70.5	10-238		5.92	30	
Acrylonitrile	50		"	50.0		101	66-141		3.63	30	
Benzene	51		"	50.0		101	77-127		0.316	30	
Bromochloromethane	47		"	50.0		93.8	74-129		2.40	30	
Bromodichloromethane	50		"	50.0		100	81-124		0.995	30	
Bromoform	52		"	50.0		104	80-136		0.153	30	
Bromomethane	46		"	50.0		92.2	32-177		0.631	30	
Carbon disulfide	43		"	50.0		86.1	10-136		17.6	30	
Carbon tetrachloride	50		"	50.0		99.3	66-143		1.46	30	
Chlorobenzene	50		"	50.0		101	86-120		0.159	30	
Chloroethane	47		"	50.0		93.6	51-142		2.18	30	
Chloroform	48		"	50.0		96.2	76-131		0.459	30	
Chloromethane	40		"	50.0		79.9	49-132		6.19	30	
cis-1,2-Dichloroethylene	49		"	50.0		98.6	74-132		0.486	30	
cis-1,3-Dichloropropylene	49		"	50.0		97.3	81-129		0.819	30	
Cyclohexane	51		"	50.0		102	70-130		1.01	30	
Dibromochloromethane	52		"	50.0		103	10-200		0.760	30	
Dibromomethane	49		"	50.0		97.6	83-124		0.511	30	
Dichlorodifluoromethane	42		"	50.0		83.7	28-158		3.03	30	
Ethyl Benzene	51		"	50.0		101	84-125		0.806	30	
Hexachlorobutadiene	51		"	50.0		102	83-133		2.00	30	
Isopropylbenzene	51		"	50.0		102	81-127		0.816	30	
Methyl acetate	44		"	50.0		87.5	41-143		3.08	30	
Methyl tert-butyl ether (MTBE)	50		"	50.0		99.0	74-131		1.34	30	
Methylcyclohexane	49		"	50.0		98.8	70-130		1.61	30	
Methylene chloride	49		"	50.0		97.5	57-141		0.493	30	
n-Butylbenzene	49		"	50.0		98.9	80-130		1.72	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41967 - EPA 5035A											
LCS Dup (BF41967-BSD1) LCS Dup								Prepared & Analyzed: 06/27/2024			
n-Propylbenzene	50		ug/L	50.0		101	74-136		1.09	30	
o-Xylene	50		"	50.0		99.5	83-123		0.681	30	
p- & m- Xylenes	98		"	100		98.0	82-128		1.19	30	
p-Isopropyltoluene	51		"	50.0		102	85-125		1.41	30	
sec-Butylbenzene	50		"	50.0		100	83-125		0.676	30	
Styrene	52		"	50.0		104	86-126		0.289	30	
tert-Butyl alcohol (TBA)	240		"	250		95.4	70-130		0.660	30	
tert-Butylbenzene	44		"	50.0		87.9	80-127		1.69	30	
Tetrachloroethylene	46		"	50.0		91.2	80-129		0.132	30	
Toluene	49		"	50.0		98.6	85-121		1.55	30	
trans-1,2-Dichloroethylene	50		"	50.0		101	72-132		1.88	30	
trans-1,3-Dichloropropylene	50		"	50.0		101	78-132		1.13	30	
trans-1,4-dichloro-2-butene	53		"	50.0		106	75-135		0.810	30	
Trichloroethylene	50		"	50.0		101	84-123		0.238	30	
Trichlorofluoromethane	46		"	50.0		92.5	62-140		0.238	30	
Vinyl Chloride	44		"	50.0		88.9	52-130		1.27	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.4*		*"*	*50.0*		*94.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*76-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41623 - EPA 3550C											
Blank (BF41623-BLK1) Blank									Prepared & Analyzed: 06/25/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41623 - EPA 3550C											
Blank (BF41623-BLK1) Blank									Prepared & Analyzed: 06/25/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.08*		"	*1.66*		*65.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.968*		"	*1.66*		*58.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.673*		"	*0.831*		*81.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.501*		"	*0.831*		*60.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.19*		"	*1.66*		*71.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.538*		"	*0.831*		*64.7*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41623 - EPA 3550C											
Matrix Spike (BF41623-MS1) Matrix Spike	*Source sample: 24F1571-01 (Matrix Spike)							Prepared & Analyzed: 06/25/2024			
1,1-Biphenyl	0.822	0.0873	mg/kg dry	0.872	ND	94.2	10-130				
1,2,4,5-Tetrachlorobenzene	0.600	0.174	"	0.872	ND	68.8	10-133				
1,2,4-Trichlorobenzene	0.627	0.0873	"	0.872	ND	71.8	10-127				
1,2-Dichlorobenzene	0.560	0.0873	"	0.872	ND	64.2	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.622	0.0873	"	0.872	ND	71.3	10-144				
1,3-Dichlorobenzene	0.563	0.0873	"	0.872	ND	64.6	11-111				
1,4-Dichlorobenzene	0.563	0.0873	"	0.872	ND	64.6	10-106				
2,3,4,6-Tetrachlorophenol	0.672	0.174	"	0.872	ND	77.0	30-130				
2,4,5-Trichlorophenol	0.647	0.0873	"	0.872	ND	74.2	10-127				
2,4,6-Trichlorophenol	0.647	0.0873	"	0.872	ND	74.2	10-132				
2,4-Dichlorophenol	0.658	0.0873	"	0.872	ND	75.4	10-128				
2,4-Dimethylphenol	0.452	0.0873	"	0.872	ND	51.8	10-137				
2,4-Dinitrophenol	ND	0.174	"	0.872	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.640	0.0873	"	0.872	ND	73.4	16-135				
2,6-Dinitrotoluene	0.760	0.0873	"	0.872	ND	87.1	18-131				
2-Chloronaphthalene	0.593	0.0873	"	0.872	ND	68.0	10-129				
2-Chlorophenol	0.593	0.0873	"	0.872	ND	68.0	15-116				
2-Methylnaphthalene	0.617	0.0873	"	0.872	ND	70.7	10-147				
2-Methylphenol	0.574	0.0873	"	0.872	ND	65.8	10-136				
2-Nitroaniline	0.794	0.174	"	0.872	ND	91.0	10-137				
2-Nitrophenol	0.806	0.0873	"	0.872	ND	92.4	10-129				
3- & 4-Methylphenols	0.512	0.0873	"	0.872	ND	58.6	10-123				
3,3-Dichlorobenzidine	1.09	0.0873	"	0.872	ND	125	10-155				
3-Nitroaniline	0.749	0.174	"	0.872	ND	85.8	12-133				
4,6-Dinitro-2-methylphenol	0.155	0.174	"	0.872	ND	17.8	10-155				
4-Bromophenyl phenyl ether	0.626	0.0873	"	0.872	ND	71.8	14-128				
4-Chloro-3-methylphenol	0.640	0.0873	"	0.872	ND	73.4	10-134				
4-Chloroaniline	0.556	0.0873	"	0.872	ND	63.7	10-145				
4-Chlorophenyl phenyl ether	0.574	0.0873	"	0.872	ND	65.8	14-130				
4-Nitroaniline	0.664	0.174	"	0.872	ND	76.1	10-147				
4-Nitrophenol	0.624	0.174	"	0.872	ND	71.5	10-137				
Acenaphthene	0.593	0.0873	"	0.872	ND	68.0	10-146				
Acenaphthylene	0.539	0.0873	"	0.872	ND	61.8	10-134				
Acetophenone	0.737	0.0873	"	0.872	ND	84.5	10-116				
Aniline	0.470	0.350	"	0.872	ND	53.9	10-123				
Anthracene	0.595	0.0873	"	0.872	ND	68.2	10-142				
Atrazine	0.831	0.0873	"	0.872	ND	95.2	19-115				
Benzaldehyde	0.777	0.0873	"	0.872	ND	89.0	10-125				
Benzo(a)anthracene	0.635	0.0873	"	0.872	ND	72.8	10-158				
Benzo(a)pyrene	0.570	0.0873	"	0.872	ND	65.3	10-180				
Benzo(b)fluoranthene	0.588	0.0873	"	0.872	ND	67.4	10-200				
Benzo(g,h,i)perylene	0.479	0.0873	"	0.872	ND	54.9	10-138				
Benzo(k)fluoranthene	0.571	0.0873	"	0.872	ND	65.4	10-197				
Benzoic acid	0.0775	0.0873	"	0.872	ND	8.88	10-166	Low Bias			
Benzyl alcohol	0.560	0.0873	"	0.872	ND	64.2	12-124				
Benzyl butyl phthalate	0.692	0.0873	"	0.872	ND	79.3	10-154				
Bis(2-chloroethoxy)methane	0.600	0.0873	"	0.872	ND	68.8	10-132				
Bis(2-chloroethyl)ether	0.556	0.0873	"	0.872	ND	63.7	10-119				
Bis(2-chloroisopropyl)ether	0.556	0.0873	"	0.872	ND	63.8	10-139				
Bis(2-ethylhexyl)phthalate	0.673	0.0873	"	0.872	ND	77.1	10-167				
Caprolactam	0.896	0.174	"	0.872	ND	103	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41623 - EPA 3550C											
Matrix Spike (BF41623-MS1) Matrix Spike	*Source sample: 24F1571-01 (Matrix Spike)							Prepared & Analyzed: 06/25/2024			
Carbazole	0.586	0.0873	mg/kg dry	0.872	ND	67.2	10-167				
Chrysene	0.590	0.0873	"	0.872	ND	67.6	10-156				
Dibenzo(a,h)anthracene	0.591	0.0873	"	0.872	ND	67.8	10-137				
Dibenzofuran	0.604	0.0873	"	0.872	ND	69.2	10-147				
Diethyl phthalate	0.565	0.0873	"	0.872	ND	64.8	20-120				
Dimethyl phthalate	0.544	0.0873	"	0.872	ND	62.3	18-131				
Di-n-butyl phthalate	0.584	0.0873	"	0.872	ND	67.0	10-137				
Di-n-octyl phthalate	0.792	0.0873	"	0.872	ND	90.8	10-180				
Diphenylamine	0.710	0.174	"	0.872	ND	81.4	40-140				
Fluoranthene	0.546	0.0873	"	0.872	ND	62.6	10-160				
Fluorene	0.569	0.0873	"	0.872	ND	65.2	10-157				
Hexachlorobenzene	0.600	0.0873	"	0.872	ND	68.8	10-137				
Hexachlorobutadiene	0.618	0.0873	"	0.872	ND	70.9	10-132				
Hexachlorocyclopentadiene	0.0831	0.0873	"	0.872	ND	9.52	10-106	Low Bias			
Hexachloroethane	0.441	0.0873	"	0.872	ND	50.6	10-110				
Indeno(1,2,3-cd)pyrene	0.764	0.0873	"	0.872	ND	87.5	10-144				
Isophorone	0.625	0.0873	"	0.872	ND	71.6	10-132				
Naphthalene	0.596	0.0873	"	0.872	ND	68.3	10-141				
Nitrobenzene	0.703	0.0873	"	0.872	ND	80.6	10-131				
N-Nitrosodimethylamine	0.530	0.0873	"	0.872	ND	60.7	10-126				
N-nitroso-di-n-propylamine	0.547	0.0873	"	0.872	ND	62.6	10-125				
N-Nitrosodiphenylamine	0.708	0.0873	"	0.872	ND	81.2	10-177				
Pentachlorophenol	0.519	0.0873	"	0.872	ND	59.4	10-153				
Phenanthrene	0.585	0.0873	"	0.872	ND	67.0	10-148				
Phenol	0.575	0.0873	"	0.872	ND	65.9	10-126				
Pyrene	0.629	0.0873	"	0.872	ND	72.1	10-165				
Surrogate: SURR: 2-Fluorophenol	*1.38*		*"*	*1.74*		*78.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.24*		*"*	*1.74*		*70.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.887*		*"*	*0.872*		*102*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.663*		*"*	*0.872*		*76.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.57*		*"*	*1.74*		*89.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.718*		*"*	*0.872*		*82.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41623 - EPA 3550C											
Matrix Spike Dup (BF41623-M Matrix Spike Dup	*Source sample: 24F1571-01 (Matrix Spike Dup)								Prepared & Analyzed: 06/25/2024		
1,1-Biphenyl	0.698	0.0876	mg/kg dry	0.875	ND	79.8	10-130		16.3	30	
1,2,4,5-Tetrachlorobenzene	0.549	0.175	"	0.875	ND	62.7	10-133		8.91	30	
1,2,4-Trichlorobenzene	0.539	0.0876	"	0.875	ND	61.6	10-127		15.0	30	
1,2-Dichlorobenzene	0.483	0.0876	"	0.875	ND	55.2	14-111		14.8	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.523	0.0876	"	0.875	ND	59.8	10-144		17.3	30	
1,3-Dichlorobenzene	0.485	0.0876	"	0.875	ND	55.4	11-111		15.0	30	
1,4-Dichlorobenzene	0.487	0.0876	"	0.875	ND	55.7	10-106		14.4	30	
2,3,4,6-Tetrachlorophenol	0.552	0.175	"	0.875	ND	63.0	30-130		19.7	30	
2,4,5-Trichlorophenol	0.550	0.0876	"	0.875	ND	62.9	10-127		16.1	30	
2,4,6-Trichlorophenol	0.554	0.0876	"	0.875	ND	63.3	10-132		15.5	30	
2,4-Dichlorophenol	0.556	0.0876	"	0.875	ND	63.5	10-128		16.8	30	
2,4-Dimethylphenol	0.382	0.0876	"	0.875	ND	43.6	10-137		16.8	30	
2,4-Dinitrophenol	0.0987	0.175	"	0.875	ND	11.3	10-171			30	
2,4-Dinitrotoluene	0.532	0.0876	"	0.875	ND	60.7	16-135		18.5	30	
2,6-Dinitrotoluene	0.618	0.0876	"	0.875	ND	70.6	18-131		20.7	30	
2-Chloronaphthalene	0.510	0.0876	"	0.875	ND	58.2	10-129		15.1	30	
2-Chlorophenol	0.527	0.0876	"	0.875	ND	60.2	15-116		11.9	30	
2-Methylnaphthalene	0.529	0.0876	"	0.875	ND	60.5	10-147		15.3	30	
2-Methylphenol	0.491	0.0876	"	0.875	ND	56.1	10-136		15.7	30	
2-Nitroaniline	0.662	0.175	"	0.875	ND	75.7	10-137		18.1	30	
2-Nitrophenol	0.683	0.0876	"	0.875	ND	78.0	10-129		16.6	30	
3- & 4-Methylphenols	0.429	0.0876	"	0.875	ND	49.0	10-123		17.7	30	
3,3-Dichlorobenzidine	0.903	0.0876	"	0.875	ND	103	10-155		18.5	30	
3-Nitroaniline	0.600	0.175	"	0.875	ND	68.6	12-133		22.1	30	
4,6-Dinitro-2-methylphenol	0.155	0.175	"	0.875	ND	17.7	10-155		0.120	30	
4-Bromophenyl phenyl ether	0.520	0.0876	"	0.875	ND	59.4	14-128		18.5	30	
4-Chloro-3-methylphenol	0.536	0.0876	"	0.875	ND	61.2	10-134		17.7	30	
4-Chloroaniline	0.465	0.0876	"	0.875	ND	53.1	10-145		17.8	30	
4-Chlorophenyl phenyl ether	0.478	0.0876	"	0.875	ND	54.6	14-130		18.3	30	
4-Nitroaniline	0.541	0.175	"	0.875	ND	61.8	10-147		20.3	30	
4-Nitrophenol	0.532	0.175	"	0.875	ND	60.8	10-137		15.9	30	
Acenaphthene	0.499	0.0876	"	0.875	ND	57.0	10-146		17.3	30	
Acenaphthylene	0.457	0.0876	"	0.875	ND	52.2	10-134		16.5	30	
Acetophenone	0.644	0.0876	"	0.875	ND	73.5	10-116		13.5	30	
Aniline	0.393	0.351	"	0.875	ND	44.9	10-123		18.0	30	
Anthracene	0.505	0.0876	"	0.875	ND	57.7	10-142		16.3	30	
Atrazine	0.699	0.0876	"	0.875	ND	79.8	19-115		17.2	30	
Benzaldehyde	0.679	0.0876	"	0.875	ND	77.6	10-125		13.4	30	
Benzo(a)anthracene	0.520	0.0876	"	0.875	ND	59.4	10-158		19.9	30	
Benzo(a)pyrene	0.473	0.0876	"	0.875	ND	54.0	10-180		18.6	30	
Benzo(b)fluoranthene	0.488	0.0876	"	0.875	ND	55.8	10-200		18.6	30	
Benzo(g,h,i)perylene	0.413	0.0876	"	0.875	ND	47.2	10-138		14.7	30	
Benzo(k)fluoranthene	0.465	0.0876	"	0.875	ND	53.1	10-197		20.5	30	
Benzoic acid	0.0553	0.0876	"	0.875	ND	6.32	10-166	Low Bias	33.4	30	Non-dir.
Benzyl alcohol	0.501	0.0876	"	0.875	ND	57.2	12-124		11.1	30	
Benzyl butyl phthalate	0.571	0.0876	"	0.875	ND	65.2	10-154		19.2	30	
Bis(2-chloroethoxy)methane	0.512	0.0876	"	0.875	ND	58.5	10-132		15.9	30	
Bis(2-chloroethyl)ether	0.463	0.0876	"	0.875	ND	52.9	10-119		18.2	30	
Bis(2-chloroisopropyl)ether	0.490	0.0876	"	0.875	ND	56.0	10-139		12.6	30	
Bis(2-ethylhexyl)phthalate	0.551	0.0876	"	0.875	ND	63.0	10-167		19.9	30	
Caprolactam	0.758	0.175	"	0.875	ND	86.6	10-132		16.7	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41623 - EPA 3550C											
Matrix Spike Dup (BF41623-M Matrix Spike Dup	*Source sample: 24F1571-01 (Matrix Spike Dup)								Prepared & Analyzed: 06/25/2024		
Carbazole	0.500	0.0876	mg/kg dry	0.875	ND	57.1	10-167		15.9	30	
Chrysene	0.496	0.0876	"	0.875	ND	56.6	10-156		17.3	30	
Dibenzo(a,h)anthracene	0.484	0.0876	"	0.875	ND	55.3	10-137		20.0	30	
Dibenzofuran	0.513	0.0876	"	0.875	ND	58.6	10-147		16.3	30	
Diethyl phthalate	0.482	0.0876	"	0.875	ND	55.0	20-120		16.0	30	
Dimethyl phthalate	0.464	0.0876	"	0.875	ND	53.0	18-131		15.9	30	
Di-n-butyl phthalate	0.492	0.0876	"	0.875	ND	56.2	10-137		17.1	30	
Di-n-octyl phthalate	0.638	0.0876	"	0.875	ND	72.9	10-180		21.6	30	
Diphenylamine	0.596	0.175	"	0.875	ND	68.1	40-140		17.4	30	
Fluoranthene	0.461	0.0876	"	0.875	ND	52.6	10-160		16.9	30	
Fluorene	0.473	0.0876	"	0.875	ND	54.1	10-157		18.3	30	
Hexachlorobenzene	0.518	0.0876	"	0.875	ND	59.1	10-137		14.8	30	
Hexachlorobutadiene	0.515	0.0876	"	0.875	ND	58.9	10-132		18.2	30	
Hexachlorocyclopentadiene	0.0812	0.0876	"	0.875	ND	9.28	10-106	Low Bias	2.22	30	
Hexachloroethane	0.384	0.0876	"	0.875	ND	43.8	10-110		13.9	30	
Indeno(1,2,3-cd)pyrene	0.653	0.0876	"	0.875	ND	74.6	10-144		15.6	30	
Isophorone	0.521	0.0876	"	0.875	ND	59.5	10-132		18.1	30	
Naphthalene	0.506	0.0876	"	0.875	ND	57.8	10-141		16.3	30	
Nitrobenzene	0.613	0.0876	"	0.875	ND	70.1	10-131		13.6	30	
N-Nitrosodimethylamine	0.446	0.0876	"	0.875	ND	51.0	10-126		17.1	30	
N-nitroso-di-n-propylamine	0.481	0.0876	"	0.875	ND	55.0	10-125		12.7	30	
N-Nitrosodiphenylamine	0.581	0.0876	"	0.875	ND	66.3	10-177		19.8	30	
Pentachlorophenol	0.452	0.0876	"	0.875	ND	51.6	10-153		13.8	30	
Phenanthrene	0.506	0.0876	"	0.875	ND	57.8	10-148		14.5	30	
Phenol	0.494	0.0876	"	0.875	ND	56.4	10-126		15.2	30	
Pyrene	0.521	0.0876	"	0.875	ND	59.5	10-165		18.8	30	
Surrogate: SURR: 2-Fluorophenol	*1.21*		"	*1.75*		*68.9*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.08*		"	*1.75*		*61.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.768*		"	*0.875*		*87.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.574*		"	*0.875*		*65.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.36*		"	*1.75*		*77.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.600*		"	*0.875*		*68.6*	*24-116*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41792 - EPA 1633 Prep											
Blank (BF41792-BLK1) Blank									Prepared: 06/26/2024 Analyzed: 06/27/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.992	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.96	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*2.13*		"	*2.31*		*92.4*	*25-150*				
Surrogate: M5PFHxA	*2.15*		"	*2.48*		*86.7*	*25-150*				
Surrogate: M4PFHpA	*1.99*		"	*2.48*		*80.4*	*25-150*				
Surrogate: M3PFHxS	*2.02*		"	*2.35*		*85.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.29*		"	*2.48*		*92.2*	*25-150*				
Surrogate: M6PFDA	*0.708*		"	*1.24*		*57.1*	*25-150*				
Surrogate: M7PFUdA	*0.981*		"	*1.24*		*79.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.670*		"	*1.24*		*54.0*	*25-150*				
Surrogate: M2PFTeDA	*0.330*		"	*1.24*		*26.6*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41792 - EPA 1633 Prep											
Blank (BF41792-BLK1) Blank								Prepared: 06/26/2024 Analyzed: 06/27/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.92*		*ug/kg wet*	*9.92*		*89.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.76*		*"*	*2.38*		*74.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.94*		*"*	*4.96*		*79.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.86*		*"*	*2.48*		*74.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.44*		*"*	*4.96*		*69.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.50*		*"*	*4.96*		*70.6*	*25-150*				
Surrogate: M2-6:2 FTS	*4.19*		*"*	*4.72*		*88.7*	*25-200*				
Surrogate: M2-8:2 FTS	*3.30*		*"*	*4.76*		*69.2*	*25-200*				
Surrogate: M9PFNA	*0.969*		*"*	*1.24*		*78.2*	*25-150*				
Surrogate: M2-4:2 FTS	*3.75*		*"*	*4.65*		*80.6*	*25-150*				
Surrogate: d-N-MeFOSA	*0.991*		*"*	*2.48*		*40.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.04*		*"*	*2.48*		*41.9*	*25-150*				
Surrogate: M3HFPO-DA	*10.4*		*"*	*9.92*		*105*	*25-150*				
Surrogate: d9-N-EtFOSE	*4.35*		*"*	*24.8*		*17.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*4.94*		*"*	*24.8*		*19.9*	*25-150*				
LCS (BF41792-BS1) LCS								Prepared: 06/26/2024 Analyzed: 06/27/2024			
Perfluorobutanesulfonic acid (PFBS)	3.25	0.176	ug/kg wet	3.52		92.4	50-150				
Perfluorohexanoic acid (PFHxA)	3.87	0.199	"	3.98		97.4	50-150				
Perfluoroheptanoic acid (PFHpA)	3.70	0.199	"	3.98		93.1	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.44	0.182	"	3.64		94.5	50-150				
Perfluorooctanoic acid (PFOA)	3.06	0.199	"	3.98		76.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.73	0.185	"	3.70		101	50-150				
Perfluorononanoic acid (PFNA)	3.41	0.199	"	3.98		85.8	50-150				
Perfluorodecanoic acid (PFDA)	4.33	0.199	"	3.98		109	50-150				
Perfluoroundecanoic acid (PFUnA)	3.96	0.199	"	3.98		99.6	50-150				
Perfluorododecanoic acid (PFDoA)	3.89	0.199	"	3.98		97.9	50-150				
Perfluorotridecanoic acid (PFTrDA)	5.80	0.199	"	3.98		146	50-150				
Perfluorotetradecanoic acid (PFTA)	3.78	0.199	"	3.98		95.0	50-150				
N-MeFOSAA	3.98	0.199	"	3.98		100	50-150				
N-EtFOSAA	3.89	0.199	"	3.98		97.9	50-150				
Perfluoropentanoic acid (PFPeA)	7.78	0.398	"	7.95		97.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.87	0.199	"	3.98		97.4	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.17	0.199	"	3.80		110	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.27	0.192	"	3.84		85.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.0	0.755	"	15.1		93.0	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	13.8	0.763	"	15.3		90.1	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.0	0.795	"	15.9		94.3	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.59	0.354	"	7.08		107	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.14	0.398	"	7.95		89.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.97	0.398	"	7.95		37.3	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	8.41	0.398	"	7.95		106	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.90	0.187	"	3.74		104	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.2	0.746	"	14.9		95.5	50-150				
HFPO-DA (Gen-X)	6.78	0.795	"	7.95		85.2	50-150				
11CL-PF3OUdS	3.89	0.751	"	7.51		51.8	50-150				
9CL-PF3ONS	4.29	0.744	"	7.44		57.7	50-150				
ADONA	6.29	0.751	"	7.51		83.7	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41792 - EPA 1633 Prep											
LCS (BF41792-BS1) LCS									Prepared: 06/26/2024 Analyzed: 06/27/2024		
Perfluorododecanesulfonic acid (PFDoS)	2.84	0.193	ug/kg wet	3.86		73.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.81	0.191	"	3.82		99.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	8.82	0.994	"	15.9		55.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	55.5	4.97	"	79.5		69.8	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	42.8	4.97	"	79.5		53.9	50-150				
N-MeFOSE	33.6	1.99	"	39.8		84.5	50-150				
N-MeFOSA	3.56	0.199	"	3.98		89.6	50-150				
N-EtFOSE	43.3	1.99	"	39.8		109	50-150				
N-EtFOSA	2.65	0.199	"	3.98		66.8	50-150				
Surrogate: M3PFBS	*1.96*		"	*2.32*		*84.4*	*25-150*				
Surrogate: M5PFHxA	*2.12*		"	*2.49*		*85.4*	*25-150*				
Surrogate: M4PFHpA	*1.74*		"	*2.49*		*70.2*	*25-150*				
Surrogate: M3PFHxS	*1.90*		"	*2.36*		*80.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.26*		"	*2.49*		*90.9*	*25-150*				
Surrogate: M6PFDA	*0.705*		"	*1.24*		*56.7*	*25-150*				
Surrogate: M7PFUdA	*0.820*		"	*1.24*		*66.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.543*		"	*1.24*		*43.7*	*25-150*				
Surrogate: M2PFTeDA	*0.353*		"	*1.24*		*28.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.13*		"	*9.94*		*21.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.42*		"	*2.38*		*59.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.74*		"	*4.97*		*75.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.62*		"	*2.49*		*65.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.61*		"	*4.97*		*52.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.64*		"	*4.97*		*53.2*	*25-150*				
Surrogate: M2-6:2 FTS	*4.01*		"	*4.73*		*84.9*	*25-200*				
Surrogate: M2-8:2 FTS	*3.21*		"	*4.77*		*67.3*	*25-200*				
Surrogate: M9PFNA	*0.948*		"	*1.24*		*76.3*	*25-150*				
Surrogate: M2-4:2 FTS	*3.55*		"	*4.66*		*76.2*	*25-150*				
Surrogate: d-N-MeFOSA	*0.789*		"	*2.49*		*31.7*	*25-150*				
Surrogate: d-N-EtFOSA	*1.05*		"	*2.49*		*42.1*	*25-150*				
Surrogate: M3HFPO-DA	*10.2*		"	*9.94*		*103*	*25-150*				
Surrogate: d9-N-EtFOSE	*4.10*		"	*24.9*		*16.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.11*		"	*24.9*		*20.6*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41792 - EPA 1633 Prep											
LCS (BF41792-BS2) LCS								Prepared: 06/26/2024 Analyzed: 06/27/2024			
Perfluorobutanesulfonic acid (PFBS)	0.644	0.174	ug/kg wet	0.695		92.7	50-150				
Perfluorohexanoic acid (PFHxA)	0.729	0.196	"	0.786		92.8	50-150				
Perfluoroheptanoic acid (PFHpA)	0.693	0.196	"	0.786		88.2	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.716	0.180	"	0.719		99.6	50-150				
Perfluorooctanoic acid (PFOA)	0.684	0.196	"	0.786		87.0	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.538	0.183	"	0.731		73.6	50-150				
Perfluorononanoic acid (PFNA)	0.707	0.196	"	0.786		89.9	50-150				
Perfluorodecanoic acid (PFDA)	0.754	0.196	"	0.786		96.0	50-150				
Perfluoroundecanoic acid (PFUnA)	0.843	0.196	"	0.786		107	50-150				
Perfluorododecanoic acid (PFDoA)	0.767	0.196	"	0.786		97.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.870	0.196	"	0.786		111	50-150				
Perfluorotetradecanoic acid (PFTA)	0.790	0.196	"	0.786		101	50-150				
N-MeFOSAA	0.744	0.196	"	0.786		94.6	50-150				
N-EtFOSAA	0.676	0.196	"	0.786		86.0	50-150				
Perfluoropentanoic acid (PFPeA)	1.48	0.393	"	1.57		94.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.821	0.196	"	0.786		104	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.712	0.196	"	0.750		94.8	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.583	0.190	"	0.758		76.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.01	0.747	"	2.99		101	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.09	0.754	"	3.02		102	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.80	0.786	"	3.14		89.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.41	0.350	"	1.40		101	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.16	0.393	"	1.57		73.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.289	0.393	"	1.57		18.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.71	0.393	"	1.57		109	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.738	0.185	"	0.739		100	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.75	0.737	"	2.95		93.3	50-150				
HFPO-DA (Gen-X)	1.07	0.786	"	1.57		68.2	50-150				
11CL-PF3OUdS	1.09	0.743	"	1.49		73.1	50-150				
9CL-PF3ONS	1.15	0.735	"	1.47		78.0	50-150				
ADONA	1.24	0.743	"	1.49		83.5	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.404	0.191	"	0.762		53.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.737	0.189	"	0.754		97.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.73	0.982	"	3.14		55.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	11.1	4.91	"	15.7		70.5	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	9.58	4.91	"	15.7		60.9	50-150				
N-MeFOSE	7.05	1.96	"	7.86		89.7	50-150				
N-MeFOSA	0.732	0.196	"	0.786		93.1	50-150				
N-EtFOSE	9.23	1.96	"	7.86		117	50-150				
N-EtFOSA	0.562	0.196	"	0.786		71.5	50-150				
Surrogate: M3PFBS	*2.06*		"	*2.29*		*89.9*	*25-150*				
Surrogate: M5PFHxA	*2.15*		"	*2.46*		*87.6*	*25-150*				
Surrogate: M4PFHpA	*1.84*		"	*2.46*		*74.8*	*25-150*				
Surrogate: M3PFHxS	*2.07*		"	*2.33*		*88.9*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.25*		"	*2.46*		*91.7*	*25-150*				
Surrogate: M6PFDA	*0.812*		"	*1.23*		*66.1*	*25-150*				
Surrogate: M7PFUdA	*1.05*		"	*1.23*		*85.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.784*		"	*1.23*		*63.9*	*25-150*				
Surrogate: M2PFTeDA	*0.532*		"	*1.23*		*43.3*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41792 - EPA 1633 Prep											
LCS (BF41792-BS2) LCS									Prepared: 06/26/2024 Analyzed: 06/27/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.549*		*ug/kg wet*	*9.82*		*5.59*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.87*		*"*	*2.35*		*79.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.57*		*"*	*4.91*		*72.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.78*		*"*	*2.46*		*72.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.67*		*"*	*4.91*		*74.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.93*		*"*	*4.91*		*79.9*	*25-150*				
Surrogate: M2-6:2 FTS	*4.34*		*"*	*4.67*		*92.9*	*25-200*				
Surrogate: M2-8:2 FTS	*3.61*		*"*	*4.72*		*76.5*	*25-200*				
Surrogate: M9PFNA	*1.01*		*"*	*1.23*		*82.6*	*25-150*				
Surrogate: M2-4:2 FTS	*3.66*		*"*	*4.61*		*79.3*	*25-150*				
Surrogate: d-N-MeFOSA	*0.998*		*"*	*2.46*		*40.7*	*25-150*				
Surrogate: d-N-EtFOSA	*1.45*		*"*	*2.46*		*59.2*	*25-150*				
Surrogate: M3HFPO-DA	*10.3*		*"*	*9.82*		*105*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.43*		*"*	*24.6*		*22.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*6.85*		*"*	*24.6*		*27.9*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41622 - EPA 3550C											
Blank (BF41622-BLK1) Blank									Prepared: 06/25/2024 Analyzed: 06/26/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0151*		*"*	*0.0664*		*22.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0367*		*"*	*0.0664*		*55.2*	*30-150*				
LCS (BF41622-BS1) LCS									Prepared: 06/25/2024 Analyzed: 06/26/2024		
4,4'-DDD	0.0216	0.00164	mg/kg wet	0.0332		64.9	40-140				
4,4'-DDE	0.0200	0.00164	"	0.0332		60.3	40-140				
4,4'-DDT	0.0222	0.00164	"	0.0332		66.9	40-140				
Aldrin	0.0167	0.00164	"	0.0332		50.2	40-140				
alpha-BHC	0.0186	0.00164	"	0.0332		56.0	40-140				
alpha-Chlordane	0.0196	0.00164	"	0.0332		59.1	40-140				
beta-BHC	0.0237	0.00164	"	0.0332		71.4	40-140				
delta-BHC	0.0193	0.00164	"	0.0332		58.1	40-140				
Dieldrin	0.0218	0.00164	"	0.0332		65.7	40-140				
Endosulfan I	0.0218	0.00164	"	0.0332		65.5	40-140				
Endosulfan II	0.0218	0.00164	"	0.0332		65.5	40-140				
Endosulfan sulfate	0.0217	0.00164	"	0.0332		65.4	40-140				
Endrin	0.0220	0.00164	"	0.0332		66.3	40-140				
Endrin aldehyde [2C]	0.0191	0.00164	"	0.0332		57.4	40-140				
Endrin ketone	0.0204	0.00164	"	0.0332		61.5	40-140				
gamma-BHC (Lindane)	0.0179	0.00164	"	0.0332		53.8	40-140				
gamma-Chlordane	0.0203	0.00164	"	0.0332		61.0	40-140				
Heptachlor	0.0221	0.00164	"	0.0332		66.6	40-140				
Heptachlor epoxide	0.0228	0.00164	"	0.0332		68.6	40-140				
Methoxychlor	0.0219	0.00164	"	0.0332		65.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0173*		*"*	*0.0664*		*26.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0384*		*"*	*0.0664*		*57.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41622 - EPA 3550C											
Matrix Spike (BF41622-MS1) Matrix Spike	*Source sample: 24F1548-04 (Matrix Spike)									Prepared: 06/25/2024 Analyzed: 06/27/2024	
4,4'-DDD	0.0195	0.00173	mg/kg dry	0.0350	ND	55.6	30-150				
4,4'-DDE	0.0190	0.00173	"	0.0350	ND	54.2	30-150				
4,4'-DDT	0.0224	0.00173	"	0.0350	ND	64.0	30-150				
Aldrin	0.0174	0.00173	"	0.0350	ND	49.7	30-150				
alpha-BHC	0.0204	0.00173	"	0.0350	ND	58.2	30-150				
alpha-Chlordane	0.0220	0.00173	"	0.0350	ND	62.9	30-150				
beta-BHC	0.0214	0.00173	"	0.0350	ND	61.2	30-150				
delta-BHC	0.0208	0.00173	"	0.0350	ND	59.6	30-150				
Dieldrin	0.0213	0.00173	"	0.0350	ND	60.8	30-150				
Endosulfan I	0.0212	0.00173	"	0.0350	ND	60.7	30-150				
Endosulfan II	0.0205	0.00173	"	0.0350	ND	58.5	30-150				
Endosulfan sulfate	0.0213	0.00173	"	0.0350	ND	60.8	30-150				
Endrin	0.0212	0.00173	"	0.0350	ND	60.6	30-150				
Endrin aldehyde	0.0124	0.00173	"	0.0350	ND	35.5	30-150				
Endrin ketone	0.0207	0.00173	"	0.0350	ND	59.3	30-150				
gamma-BHC (Lindane)	0.0208	0.00173	"	0.0350	ND	59.6	30-150				
gamma-Chlordane	0.0211	0.00173	"	0.0350	ND	60.4	30-150				
Heptachlor	0.0242	0.00173	"	0.0350	ND	69.2	30-150				
Heptachlor epoxide	0.0213	0.00173	"	0.0350	ND	60.9	30-150				
Methoxychlor	0.0250	0.00173	"	0.0350	ND	71.6	30-150				
Surrogate: Decachlorobiphenyl	*0.0353*		*"*	*0.0700*		*50.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0456*		*"*	*0.0700*		*65.1*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41622 - EPA 3550C											
Blank (BF41622-BLK2) Blank								Prepared & Analyzed: 06/25/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0369*		"	*0.0664*		*55.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0156*		"	*0.0664*		*23.5*	*30-140*				
LCS (BF41622-BS2) LCS								Prepared & Analyzed: 06/25/2024			
Aroclor 1016	0.259	0.0166	mg/kg wet	0.332		78.0	40-130				
Aroclor 1260	0.234	0.0166	"	0.332		70.4	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0429*		"	*0.0664*		*64.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0166*		"	*0.0664*		*25.0*	*30-140*				
Matrix Spike (BF41622-MS2) Matrix Spike	*Source sample: 24F1548-04 (Matrix Spike)							Prepared: 06/25/2024 Analyzed: 06/27/2024			
Aroclor 1016	0.104	0.0175	mg/kg dry	0.350	ND	29.9	40-140	Low Bias			
Aroclor 1260	0.153	0.0175	"	0.350	ND	43.9	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0378*		"	*0.0700*		*54.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0231*		"	*0.0700*		*33.0*	*30-140*				
Matrix Spike Dup (BF41622-M Matrix Spike Dup	*Source sample: 24F1548-04 (Matrix Spike Dup)							Prepared: 06/25/2024 Analyzed: 06/27/2024			
Aroclor 1016	0.105	0.0175	mg/kg dry	0.350	ND	30.0	40-140	Low Bias	0.334	50	
Aroclor 1260	0.162	0.0175	"	0.350	ND	46.4	40-140		5.54	50	
Surrogate: Tetrachloro-m-xylene	*0.0374*		"	*0.0700*		*53.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0248*		"	*0.0700*		*35.5*	*30-140*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41710 - EPA 3050B											
Blank (BF41710-BLK1) Blank									Prepared: 06/25/2024 Analyzed: 06/27/2024		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.996	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.504	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	0.996	"								
Zinc	ND	2.49	"								
Duplicate (BF41710-DUP1) Duplicate *Source sample: 24F1681-29 (Duplicate)									Prepared: 06/25/2024 Analyzed: 06/27/2024		
Aluminum	8140	5.79	mg/kg dry		7540				7.71	35	
Antimony	ND	2.90	"		ND					35	
Arsenic	4.43	1.74	"		3.35				27.7	35	
Barium	280	2.89	"		206				30.7	35	
Beryllium	0.127	0.058	"		0.116				9.52	35	
Cadmium	0.591	0.348	"		0.512				14.4	35	
Calcium	66000	5.79	"		56500				15.5	35	
Chromium	24.6	0.580	"		21.6				12.9	35	
Cobalt	4.92	0.463	"		4.25				14.7	35	
Copper	69.4	2.32	"		62.2				11.0	35	
Iron	17700	29.0	"		16300				8.31	35	
Lead	220	0.580	"		210				4.99	35	
Magnesium	21600	5.80	"		18400				15.9	35	
Manganese	243	0.580	"		205				17.1	35	
Nickel	66.9	1.15	"		14.9				127	35	Non-dir.
Potassium	887	5.80	"		876				1.23	35	
Selenium	ND	2.90	"		ND					35	
Silver	2.24	0.584	"		1.36				48.6	35	Non-dir.
Sodium	434	57.9	"		369				16.0	35	
Thallium	ND	2.90	"		ND					35	
Vanadium	39.4	1.15	"		22.0				56.7	35	Non-dir.
Zinc	511	2.88	"		593				14.9	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41710 - EPA 3050B											
Matrix Spike (BF41710-MS1) Matrix Spike	*Source sample: 24F1681-29 (Matrix Spike)								Prepared: 06/25/2024 Analyzed: 06/27/2024		
Aluminum	7500	4.83	mg/kg dry	193	7540	NR	75-125	Low Bias			
Antimony	9.40	2.41	"	24.1	ND	39.0	75-125	Low Bias			
Arsenic	199	1.45	"	193	3.35	101	75-125				
Barium	492	2.41	"	193	206	148	75-125	High Bias			
Beryllium	4.99	0.049	"	4.83	0.116	101	75-125				
Cadmium	5.06	0.290	"	4.83	0.512	94.2	75-125				
Calcium	50200	4.83	"	96.5	56500	NR	75-125	Low Bias			
Chromium	41.6	0.483	"	19.3	21.6	103	75-125				
Cobalt	52.5	0.386	"	48.3	4.25	99.9	75-125				
Copper	90.2	1.93	"	24.1	62.2	116	75-125				
Iron	15600	24.1	"	96.5	16300	NR	75-125	Low Bias			
Lead	277	0.483	"	48.3	210	140	75-125	High Bias			
Magnesium	15200	4.83	"	96.5	18400	NR	75-125	Low Bias			
Manganese	258	0.483	"	48.3	205	111	75-125				
Nickel	63.7	0.962	"	48.3	14.9	101	75-125				
Potassium	970	4.83	"	96.5	876	97.0	75-125				
Selenium	189	2.41	"	193	ND	98.1	75-125				
Silver	7.14	0.487	"	4.83	1.36	120	75-125				
Sodium	601	48.3	"	96.5	369	240	75-125	High Bias			
Thallium	183	2.41	"	193	ND	94.9	75-125				
Vanadium	88.5	0.962	"	48.3	22.0	138	75-125	High Bias			
Zinc	599	2.40	"	48.3	593	11.6	75-125	Low Bias			
Post Spike (BF41710-PS1) Post Spike	*Source sample: 24F1681-29 (Post Spike)								Prepared: 06/25/2024 Analyzed: 06/27/2024		
Aluminum	79.5		ug/mL	2.00	78.1	70.2	75-125	Low Bias			
Antimony	0.262		"	0.250	-0.004	105	75-125				
Arsenic	2.03		"	2.00	0.035	99.7	75-125				
Barium	4.12		"	2.00	2.13	99.3	75-125				
Beryllium	0.051		"	0.0500	0.001	99.6	75-125				
Cadmium	0.051		"	0.0500	0.005	90.6	75-125				
Calcium	582		"	1.00	585	NR	75-125	Low Bias			
Chromium	0.420		"	0.200	0.224	98.0	75-125				
Cobalt	0.534		"	0.500	0.044	97.9	75-125				
Copper	0.927		"	0.250	0.644	113	75-125				
Iron	169		"	1.00	169	NR	75-125	Low Bias			
Lead	2.62		"	0.500	2.17	90.6	75-125				
Magnesium	190		"	1.00	190	NR	75-125	Low Bias			
Manganese	2.60		"	0.500	2.12	96.0	75-125				
Nickel	0.632		"	0.500	0.154	95.5	75-125				
Potassium	10.1		"	1.00	9.08	99.2	75-125				
Selenium	1.95		"	2.00	0.006	97.0	75-125				
Silver	0.073		"	0.0500	0.014	119	75-125				
Sodium	6.08		"	1.00	3.83	226	75-125	High Bias			
Thallium	1.87		"	2.00	0.006	93.1	75-125				
Vanadium	0.737		"	0.500	0.228	102	75-125				
Zinc	6.52		"	0.500	6.14	75.3	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41710 - EPA 3050B											
Reference (BF41710-SRM1) Reference											Prepared: 06/25/2024 Analyzed: 06/27/2024
Aluminum	6680	4.17	mg/kg wet	7680		86.9	46.7-129.9				
Antimony	76.3	2.08	"	257		29.7	1-100				
Arsenic	306	1.25	"	360		85.0	70.6-102.2				
Barium	306	2.08	"	332		92.2	75-108.1				
Beryllium	167	0.042	"	183		91.5	76.5-108.2				
Cadmium	203	0.250	"	238		85.1	73.5-105				
Calcium	5140	4.17	"	5490		93.6	77.2-110.9				
Chromium	181	0.417	"	199		91.0	73.4-107				
Cobalt	84.0	0.333	"	88.7		94.7	76.6-107.6				
Copper	230	1.67	"	227		101	74.9-105.7				
Iron	6240	20.8	"	7360		84.7	51.1-125.8				
Lead	91.0	0.417	"	100		91.0	75.9-110				
Magnesium	1710	4.17	"	1900		90.2	67.4-111.1				
Manganese	529	0.417	"	591		89.5	72.6-107.1				
Nickel	317	0.830	"	342		92.8	75.4-107.6				
Potassium	1270	4.17	"	1500		84.8	66.1-116.7				
Selenium	162	2.08	"	170		95.6	78.2-115.9				
Silver	82.1	0.420	"	88.6		92.7	73.9-112				
Sodium	602	41.7	"	527		114	68.5-115.9				
Thallium	198	2.08	"	226		87.6	73.5-108.4				
Vanadium	104	0.830	"	118		87.8	68.1-106.8				
Zinc	163	2.08	"	183		89.1	72.7-109.3				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41789 - EPA 7473 soil											
Blank (BF41789-BLK1) Blank									Prepared: 06/26/2024 Analyzed: 06/27/2024		
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BF41789-DUP1) Duplicate	*Source sample: 24F1582-01 (Duplicate)								Prepared: 06/26/2024 Analyzed: 06/27/2024		
Mercury	0.744	0.0335	mg/kg dry		0.777				4.32	35	
Matrix Spike (BF41789-MS1) Matrix Spike	*Source sample: 24F1582-01 (Matrix Spike)								Prepared: 06/26/2024 Analyzed: 06/27/2024		
Mercury	1.16		mg/kg	0.500	0.695	93.4	75-125				
Reference (BF41789-SRM1) Reference									Prepared: 06/26/2024 Analyzed: 06/27/2024		
Mercury	20.031		mg/kg	18.2		110	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41725 - % Solids Prep											
Duplicate (BF41725-DUP1) Duplicate	*Source sample: 24F1580-02 (Duplicate)							Prepared & Analyzed: 06/26/2024			
% Solids	96.1	0.100	%		96.2				0.0823	20	
Batch BF41922 - % Solids Prep											
Duplicate (BF41922-DUP1) Duplicate	*Source sample: 24F1632-01 (Duplicate)							Prepared & Analyzed: 06/27/2024			
% Solids	87.8	0.100	%		87.3				0.564	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24F1590-01	GRAB01	40mL Vial with Stir Bar-Cool 4° C
24F1590-02	GRAB02	40mL Vial with Stir Bar-Cool 4° C
24F1590-03	GRAB03	40mL Vial with Stir Bar-Cool 4° C
24F1590-04	GRAB04	40mL Vial with Stir Bar-Cool 4° C
24F1590-05	GRAB05	40mL Vial with Stir Bar-Cool 4° C
24F1590-06	GRAB06	40mL Vial with Stir Bar-Cool 4° C
24F1590-07	GRAB07	40mL Vial with Stir Bar-Cool 4° C
24F1590-10	TRIPBLANK062424	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK

YORK Project Number: 24F1590

Page _____ of _____

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address: SAME
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: lkott@langan.com	E-mail:

YOUR Project Name / Number: 12096 Flatlands

PO Number: 100688802

Samples Collected From: NY [ ] CT [ ] Other: (please specify) NJ [X] PA [ ]

Turn-Around Time

- RUSH - Next Day [ ]
- RUSH - Two Day [ ]
- RUSH - Three Day [ ]
- RUSH - Four Day [X]
- RUSH - Five Day [ ]
- Standard (6-9 Day) [ ]
- PFAS Standard 7-10 Day [ ]

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil | Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	VOC	SVOCs PCBs/Pest, TAL Metals PFAS Method 1633	Grab or Comp.
GRAB01	6/24	1035	SO	1		1							2	X	X	G
GRAB02	6/24	1042		1		1							2	X	X	G
GRAB03	6/24	1047		1		1							2	X	X	G
GRAB04	6/24	1052		1		1							2	X	X	G
GRAB05	6/24	1059		1		1							2	X	X	G
GRAB06	6/24	1101		1		1							2	X	X	G
GRAB07	6/24	1106		1		1							2	X	X	G
COMP01	6/24	1110		2											X	C
COMP02	6/24	1115	↓	2											X	C
TRIP BLANK 062424	6/24		AQ		2									X		

RB

RB

Report Type (circle)

- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)

- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative

Compared to the following Regulation(s): (please fill in)

- Field Filtered [ ]
- Lab Filtered [ ]

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Rob Bandstra / Langan	1315 6/24/24		6-24-24/13:15		
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Bob Gruttadauria Kurt	6/24/24 13:20	Bob Gruttadauria Kurt	6/24/24 15:15		6/24/24 1520
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
	6/24/24 1800		6/24/24 1800	KMA	6/24/24 19:40 / 3.0 Degrees C

Rob Langan Duncan 6/24/24 19:40

Lauren Kott

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Tuesday, August 6, 2024 11:25 AM
To: Lauren Kott
Cc: Obligado, Andre A (DEC); Amanda Forsburg
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Import - 5,000 CY of Braen DGA

Good Morning Lauren,

The Department has reviewed the import request of 3500 cubic yards of stone from Braen Royalties, Lafayette, NJ, Certificate No. #004863 dated 8/02/24. Based on the information provided, the request is hereby approved.

The proposed fill material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in section 5.4(e)5 of DER-10. Therefore, this material may be used as general backfill.

Testing in accordance with DER-10 and the Remedial Design Work Plan and approval by the Department is required for any additional material imported from this source. Please ensure any material stockpiled on site is secured and covered.

Thanks,

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov | | |

From: Lauren Kott <lkott@langan.com>
Sent: Friday, August 2, 2024 5:21 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Cc: Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; aforsburg@langan.com
Subject: RE: 12096 Flatlands Avenue (C224290) Request to Import - 5,000 CY of Braen DGA

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Steven,

Please see the attached updated request. We updated Section 2 as described below, excluded composite samples COMP03 and COMP08, and updated the request to approximately 3,500 cubic yards.

Let us know if you have any additional questions.

Lauren Kott, PE
Project Engineer

LANGAN

Direct: 973.560.4807
Mobile: 908.752.1870
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www.langan.com

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OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Thursday, August 1, 2024 12:43 PM
To: Amanda Forsburg <aforsburg@Langan.com>; Lauren Kott <lkott@langan.com>
Cc: Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Import - 5,000 CY of Braen DGA

Amanda,

One additional comment, I believe for section 2 – Is the material to be imported gravel, rock, or stone, should be yes.

Thanks,

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov |

From: Amanda Forsburg <aforsburg@Langan.com>
Sent: Thursday, August 1, 2024 12:40 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>; Lauren Kott <lkott@langan.com>
Cc: Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>
Subject: RE: 12096 Flatlands Avenue (C224290) Request to Import - 5,000 CY of Braen DGA

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Steven,

Yes, we can remove those two parts of the stockpile from the request. We will revise the request and resubmit.

Amanda

Amanda Forsburg, CHMM
Associate Principal

LANGAN

Direct: 973.560.4574
Mobile: 201.615.9726
File Sharing Link
www.langan.com

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OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Thursday, August 1, 2024 12:04 PM
To: Lauren Kott <lkott@langan.com>
Cc: Amanda Forsburg <aforsburg@Langan.com>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Import - 5,000 CY of Braen DGA

Lauren, since there are exceedances above unrestricted use, we can not approve of this request as is.
It looks like the exceedances are within the northern portion of the pile, is it possible to exclude that area when importing material?

Thanks,

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov |

From: Lauren Kott <lkott@langan.com>
Sent: Wednesday, July 31, 2024 5:14 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>

Cc: aforsburg@langan.com
Subject: 12096 Flatlands Avenue (C224290) Request to Import - 5,000 CY of Braen DGA

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Good afternoon Steven,

Please see the attached Request to Import form for 5,000 cubic yards of DGA to be imported from Braen Stone of Sparta Quarry of Lafayette, New Jersey to be used for general backfill. The current permit, a facility materials letter, a sample location plan, and laboratory analytical data are included with the submittal.

Can you please review and let us know if this is approved?

Lauren Kott, PE
Project Engineer

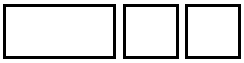
LANGAN

Direct: 973.560.4807
Mobile: 908.752.1870
File Sharing Link

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300 Kimball Drive
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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Unrestricted

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 3500

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Material consists of dense graded aggregate (DGA) manufactured from virgin material at a quarry. It will be used for general backfill. Approximately 3,500 cubic yards of DGA will be imported.

Six composite sample and 15 grab samples were collected on 24 July 2024. The composite samples were analyzed for SVOCs, pesticides, PCBs, metals, and PFAS and the discrete samples were analyzed for VOCs only. Composite samples COMP03 and COMP08 are excluded from this request to import.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Analytical results are attached. Composite samples COMP03 and COMP08 are excluded from this request to import. No exceedances of the Unrestricted Use SCOs were identified in samples COMP04, COMP05, COMP06, and COMP07.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

United Concrete LLC - Foundation Contractor

Location where fill was obtained:

Braen, 217 Limecrest Road, Lafayette, NJ 07848

Identification of any state or local approvals as a fill source:

N/A

If no approvals are available, provide a brief history of the use of the property that is the fill source:

N/A

Provide a list of supporting documentation included with this request:

Mine registration certificate, facility letter, sampling plan, and laboratory analytical results

The information provided on this form is accurate and complete.



Signature

08/02/2024

Date

Lauren Kott

Print Name

Langan Engineering

Firm

Philip D. Murphy
Governor

Tahesha L. Way
Lieutenant Governor

State of New Jersey
DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT
LABOR STANDARDS AND SAFETY ENFORCEMENT
DIVISION OF PUBLIC SAFETY & OCCUPATIONAL SAFETY & HEALTH
Office of Safety Compliance
P.O. Box 386
Trenton, NJ 08625-0386
(609) 292-2096 • Fax: (609) 777-4589

Robert Asaro-Angelo
Commissioner

Certificate No: 004863
Expiration Date: 03/31/2025

MINE REGISTRATION CERTIFICATE

ISSUED TO: Braen Royalties

LOCATION: Braen Royalties
217 Limecrest Rd
Lafayette, NJ

BLK NO(S): SEE BELOW
LOT NO(S): SEE BELOW
COUNTY: Sussex
FEE: $3,000.00

Issued pursuant to the provisions of N.J.S.A 34:6-98.1 et. seq. Failure to comply with the provisions of the Act, and the Rules promulgated thereunder, shall be good cause for the revocation of this Certificate.

RC Angelo
Commissioner

THIS CERTIFICATE MUST BE POSTED AT ALL TIMES

BLOCK NO(S)	LOT NO(S)
217 Limecrest Rd	
11001, 1.02, 108.01	1, 171, 172, 173, 174, 1, 2, 4, 5, 1

BRAEN STONE OF SPARTA
PLANT LOCATION: 217 LIMECREST ROAD ~ LAFAYETTE, NJ 07848
P.O. BOX 8246 ♦
HALEDON, NJ 07538
973.383.7100 ♦
FAX: 973.383.1408
www.braenstone.com

July 16, 2024

All Suffolk Materials Inc.
910 Middle Country Rd.
Selden, NY 11784

RE: Supplier - Braen Stone of Sparta - # 57 Stone, #4 (1-½"), # 3 (2") Stone, DGA
Project - 12096 Flatlands Ave., Brooklyn, NY
Contractor - All Suffolk Materials Inc

Dear Madam\Sir,

This letter is to certify that the **Material** to be supplied to the above-referenced project was extracted, blended, and/or manufactured from our 100% virgin material source: granite-gneiss stone deposit. These materials quarried are located on Block 11001, 1.02, 108.01; Lot 1,171,172,173,174,1,2,4,5, 1, Borough of Sparta, Sussex County, New Jersey, commonly known as 217 Limecrest Road of Lafayette. NJ Mine Registration # 004863.

All materials currently approved by the New York State Department of Transportation appear on their QPL list of fine and coarse aggregates. Our current source numbers are coarse aggregate 8-44R NYSDOT Test number 23AR053 and fine products 8-44RFM NYSDOT Test number 23AF083.

NYS QPL;

https://www.dot.ny.gov/divisions/engineering/technical-services/materials-bureau/fine-coarse-aggregates

To the best of our knowledge, this material contained no hazardous or contaminated materials prior to shipment.

If we can further assist, please contact us at the number listed.

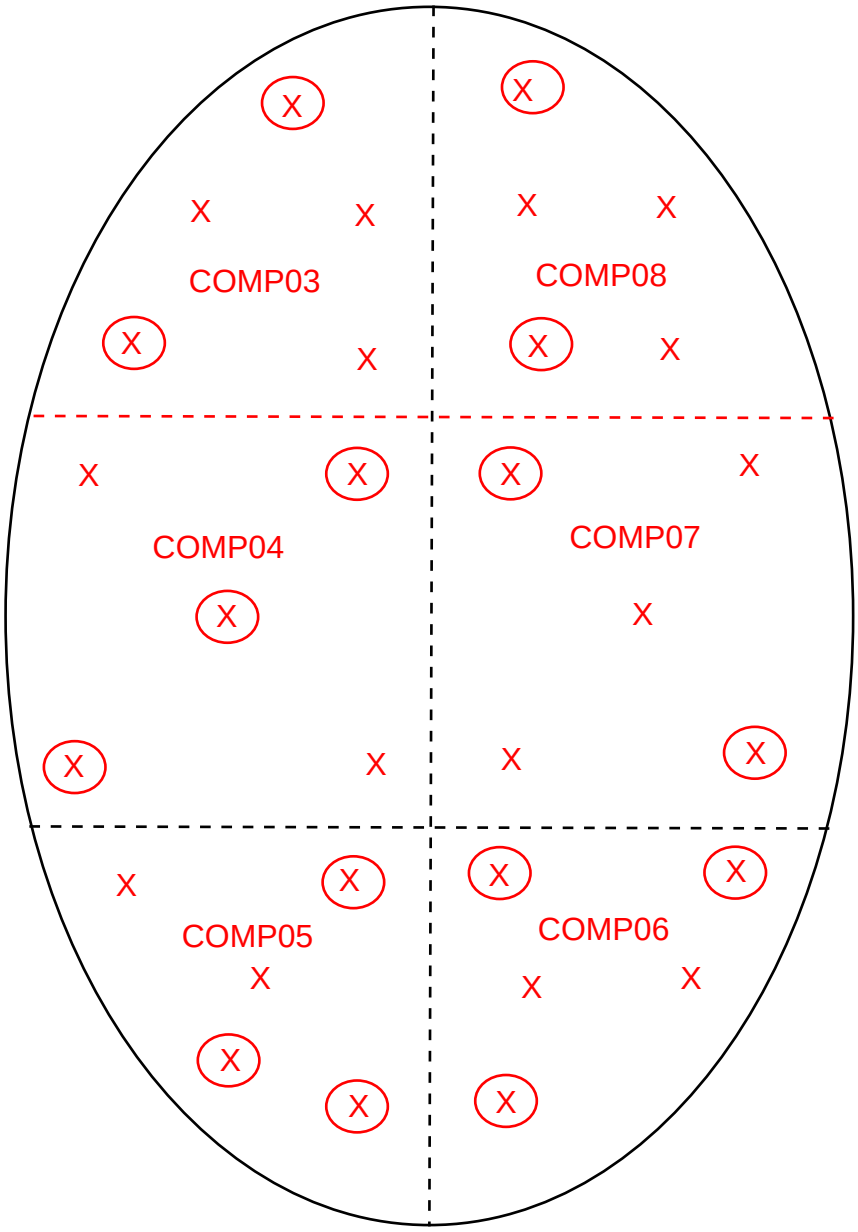
Respectfully,
Braen Stone of Sparta

Russ Berger
Director of Quality Control

Cc: File

5,000 CY Stockpile Sampling Location Plan

Facility: Braen, 217 Limecrest Road, Lafayette, NJ 07848



Legend

- Approximate 5,000 CY Stockpile
- Approximate Composite Sample Division Lines
- X — Grab Sample Location for the Composite Samples
- Discrete VOC Sample Location for the Grab Samples

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 07/30/2024
Client Project ID: 100688802
York Project (SDG) No.: 24G1585

Report Date: 07/30/2024
Client Project ID: 100688802
York Project (SDG) No.: 24G1585

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 24, 2024 and listed below. The project was identified as your project: **100688802**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24G1585-01	Grab09_072424	Soil	07/24/2024	07/24/2024
24G1585-02	Grab10_072424	Soil	07/24/2024	07/24/2024
24G1585-03	Grab11_072424	Soil	07/24/2024	07/24/2024
24G1585-04	Grab12_072424	Soil	07/24/2024	07/24/2024
24G1585-05	Grab13_072424	Soil	07/24/2024	07/24/2024
24G1585-06	Grab14_072424	Soil	07/24/2024	07/24/2024
24G1585-07	Grab15_072424	Soil	07/24/2024	07/24/2024
24G1585-08	Grab16_072424	Soil	07/24/2024	07/24/2024
24G1585-09	Grab17_072424	Soil	07/24/2024	07/24/2024
24G1585-10	Grab18_072424	Soil	07/24/2024	07/24/2024
24G1585-11	Grab19_072424	Soil	07/24/2024	07/24/2024
24G1585-12	Grab20_072424	Soil	07/24/2024	07/24/2024
24G1585-13	Grab21_072424	Soil	07/24/2024	07/24/2024
24G1585-14	Grab22_072424	Soil	07/24/2024	07/24/2024
24G1585-15	Grab08_072424	Soil	07/24/2024	07/24/2024
24G1585-16	Comp03_072424	Soil	07/24/2024	07/24/2024
24G1585-17	Comp04_072424	Soil	07/24/2024	07/24/2024
24G1585-18	Comp05_072424	Soil	07/24/2024	07/24/2024
24G1585-19	Comp06_072424	Soil	07/24/2024	07/24/2024
24G1585-20	Comp02_072424	Soil	07/24/2024	07/24/2024
24G1585-21	Comp08_072424	Soil	07/24/2024	07/24/2024
24G1585-22	TB_072424	Water	07/24/2024	07/24/2024

General Notes for York Project (SDG) No.: 24G1585

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 07/30/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: Grab09_072424 **York Sample ID:** 24G1585-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 10:40 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab09_072424 **York Sample ID:** 24G1585-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 10:40 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0059	0.012	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab09_072424 **York Sample ID:** 24G1585-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 10:40 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab09_072424 **York Sample ID:** 24G1585-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 10:40 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0089	0.018	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.2**		%	0.100	1	SM 2540G	07/30/2024 16:09	07/30/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab10_072424 **York Sample ID:** 24G1585-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:15 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab10_072424 **York Sample ID:** 24G1585-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:15 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab10_072424 **York Sample ID:** 24G1585-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:15 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab10_072424 **York Sample ID:** 24G1585-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:15 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260D	07/25/2024 09:55	07/25/2024 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.6**		%	0.100	1	SM 2540G	07/30/2024 16:09	07/30/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab11_072424 **York Sample ID:** 24G1585-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:30 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.053	0.11	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab11_072424 **York Sample ID:** 24G1585-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:30 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab11_072424 **York Sample ID:** 24G1585-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:30 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab11_072424 **York Sample ID:** 24G1585-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:30 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.8**		%	0.100	1	SM 2540G	07/30/2024 16:09	07/30/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab12_072424 **York Sample ID:** 24G1585-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:43 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.058	0.12	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab12_072424 **York Sample ID:** 24G1585-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:43 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab12_072424 **York Sample ID:** 24G1585-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:43 am	07/24/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab12_072424 **York Sample ID:** 24G1585-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:43 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260D	07/26/2024 09:11	07/26/2024 12:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**99.5**		%	0.100	1	SM 2540G	07/30/2024 16:09	07/30/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab13_072424 **York Sample ID:** 24G1585-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:45 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.066	0.13	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab13_072424 **York Sample ID:** 24G1585-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:45 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0066	0.013	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab13_072424 **York Sample ID:** 24G1585-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:45 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab13_072424 **York Sample ID:** 24G1585-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:45 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0099	0.020	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:14	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.3**		%	0.100	1	SM 2540G	07/30/2024 16:09	07/30/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab14_072424 **York Sample ID:** 24G1585-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:47 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.055	0.11	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab14_072424 **York Sample ID:** 24G1585-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:47 am	07/24/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab14_072424 **York Sample ID:** 24G1585-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:47 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab14_072424 **York Sample ID:** 24G1585-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:47 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260D	07/26/2024 09:11	07/26/2024 13:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.3**		%	0.100	1	SM 2540G	07/30/2024 16:09	07/30/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab15_072424 **York Sample ID:** 24G1585-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:51 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.070	0.14	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab15_072424 **York Sample ID:** 24G1585-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:51 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0070	0.014	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0070	0.014	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab15_072424 **York Sample ID:** 24G1585-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:51 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0070	0.014	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0070	0.014	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab15_072424 **York Sample ID:** 24G1585-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:51 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.8**		%	0.100	1	SM 2540G	07/30/2024 16:09	07/30/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab16_072424 **York Sample ID:** 24G1585-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:55 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.053	0.11	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab16_072424 **York Sample ID:** 24G1585-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:55 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab16_072424 **York Sample ID:** 24G1585-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:55 am	07/24/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab16_072424 **York Sample ID:** 24G1585-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:55 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.0**		%	0.100	1	SM 2540G	07/30/2024 16:09	07/30/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab17_072424 **York Sample ID:** 24G1585-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:58 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.085	0.17	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab17_072424 **York Sample ID:** 24G1585-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:58 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0085	0.017	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0085	0.017	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab17_072424 **York Sample ID:** 24G1585-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:58 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0085	0.017	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0085	0.017	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab17_072424 **York Sample ID:** 24G1585-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:58 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.013	0.025	1	EPA 8260D	07/26/2024 09:11	07/26/2024 14:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.5**		%	0.100	1	SM 2540G	07/30/2024 16:09	07/30/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab18_072424 **York Sample ID:** 24G1585-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:04 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.051	0.10	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab18_072424 **York Sample ID:** 24G1585-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:04 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0051	0.010	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab18_072424 **York Sample ID:** 24G1585-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:04 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab18_072424 **York Sample ID:** 24G1585-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:04 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.5**		%	0.100	1	SM 2540G	07/30/2024 16:09	07/30/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab19_072424 **York Sample ID:** 24G1585-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:10 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.071	0.14	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab19_072424 **York Sample ID:** 24G1585-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:10 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0071	0.014	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab19_072424 **York Sample ID:** 24G1585-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:10 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab19_072424 **York Sample ID:** 24G1585-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:10 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260D	07/26/2024 09:11	07/26/2024 15:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.3**		%	0.100	1	SM 2540G	07/30/2024 16:09	07/30/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab20_072424 **York Sample ID:** 24G1585-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:14 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.057	0.11	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab20_072424 **York Sample ID:** 24G1585-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:14 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0057	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab20_072424 **York Sample ID:** 24G1585-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:14 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab20_072424 **York Sample ID:** 24G1585-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:14 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.7**		%	0.100	1	SM 2540G	07/30/2024 16:09	07/30/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab21_072424 **York Sample ID:** 24G1585-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:17 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.052	0.10	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab21_072424 **York Sample ID:** 24G1585-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:17 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab21_072424 **York Sample ID:** 24G1585-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:17 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab21_072424 **York Sample ID:** 24G1585-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:17 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260D	07/26/2024 09:11	07/26/2024 16:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.6**		%	0.100	1	SM 2540G	07/30/2024 16:09	07/30/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab22_072424 **York Sample ID:** 24G1585-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:20 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.072	0.14	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab22_072424 **York Sample ID:** 24G1585-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:20 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0072	0.014	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0072	0.014	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab22_072424 **York Sample ID:** 24G1585-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:20 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0072	0.014	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0072	0.014	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab22_072424 **York Sample ID:** 24G1585-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:20 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.7**		%	0.100	1	SM 2540G	07/30/2024 16:09	07/30/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab08_072424 **York Sample ID:** 24G1585-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 10:30 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.053	0.11	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab08_072424 **York Sample ID:** 24G1585-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 10:30 am	07/24/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab08_072424 **York Sample ID:** 24G1585-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 10:30 am	07/24/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab08_072424 **York Sample ID:** 24G1585-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 10:30 am	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260D	07/26/2024 09:11	07/26/2024 17:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.9**		%	0.100	1	SM 2540G	07/30/2024 16:09	07/30/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Comp03_072424 **York Sample ID:** 24G1585-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:25 am	07/24/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0850	0.170	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp03_072424 **York Sample ID:** 24G1585-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:25 am	07/24/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0850	0.170	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0850	0.170	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.170	0.341	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.170	0.341	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp03_072424 **York Sample ID:** 24G1585-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:25 am	07/24/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0850	0.170	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp03_072424 **York Sample ID:** 24G1585-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:25 am	07/24/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*55.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.7 %*	*24-116*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.115	0.184	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0550	0.208	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: Comp03_072424 **York Sample ID:** 24G1585-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:25 am	07/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.208	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.186	0.190	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.179	0.208	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.173	0.193	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.196	0.208	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.198	0.208	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.205	0.208	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.169	0.208	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.130	0.208	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.107	0.208	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.154	0.208	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.201	0.208	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.113	0.415	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**0.387**		ug/kg dry	0.152	0.208	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.161	0.208	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.198	0.200	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.618	0.789	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.784	0.797	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.113	0.830	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.369	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.200	0.415	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 00:57	AM
								Certifications: NELAC-NH2097			

Sample Information

Client Sample ID: Comp03_072424 **York Sample ID:** 24G1585-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:25 am	07/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0643	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 00:57	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0996	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 00:57	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.163	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 00:57	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.618	0.778	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 00:57	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.631	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 00:57	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.323	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 00:57	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.255	0.776	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 00:57	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.181	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 00:57	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.175	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 00:57	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.129	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 00:57	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.658	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 00:57	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.18	5.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 00:57	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.56	5.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 00:57	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.634	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 00:57	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 00:57	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.723	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 00:57	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.205	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 00:57	AM

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*109 %*	*25-150*
Surrogate: M5PFHxA	*115 %*	*25-150*
Surrogate: M4PFHpA	*107 %*	*25-150*
Surrogate: M3PFHxS	*108 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*114 %*	*25-150*
Surrogate: M6PFDA	*94.3 %*	*25-150*
Surrogate: M7PFUdA	*106 %*	*25-150*

Sample Information

Client Sample ID: Comp03_072424 **York Sample ID:** 24G1585-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:25 am	07/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*71.3 %*			*25-150*						
	Surrogate: M2PFTeDA	*44.4 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*3.15 %*	PFSu-L		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*113 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*76.2 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*95.4 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*104 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*119 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*79.1 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*95.0 %*			*25-200*						
	Surrogate: M9PFNA	*111 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*80.9 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*35.6 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*21.5 %*	PFSu-L		*25-150*						
	Surrogate: M3HFPO-DA	*137 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*44.0 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*65.6 %*			*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0339	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp03_072424 **York Sample ID:** 24G1585-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:25 am	07/24/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp03_072424 **York Sample ID:** 24G1585-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:25 am	07/24/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:24	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1350**		mg/kg dry	4.33	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.17	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.09**		mg/kg dry	1.30	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**336**		mg/kg dry	2.16	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.165**		mg/kg dry	0.044	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.581**		mg/kg dry	0.260	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**242000**		mg/kg dry	4.33	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.927**		mg/kg dry	0.434	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/kg dry	0.346	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**2.69**		mg/kg dry	1.73	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**3730**		mg/kg dry	21.7	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**13.6**		mg/kg dry	0.434	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**23900**		mg/kg dry	4.34	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**486**		mg/kg dry	0.434	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp03_072424 **York Sample ID:** 24G1585-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:25 am	07/24/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/kg dry	0.863	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**317**		mg/kg dry	4.34	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.17	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.437	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**386**		mg/kg dry	43.3	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.17	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**1.79**		mg/kg dry	0.863	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**143**		mg/kg dry	2.16	1	EPA 6010D	07/29/2024 13:43	07/30/2024 11:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0312	1	EPA 7473	07/25/2024 14:07	07/26/2024 16:29	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.2**		%	0.100	1	SM 2540G	07/25/2024 06:51	07/25/2024 09:46	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Comp04_072424 **York Sample ID:** 24G1585-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:41 am	07/24/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0833	0.166	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0833	0.166	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0833	0.166	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0833	0.166	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp04_072424 **York Sample ID:** 24G1585-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:41 am	07/24/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0833	0.166	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0833	0.166	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0833	0.166	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0833	0.166	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.167	0.333	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.167	0.333	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp04_072424 **York Sample ID:** 24G1585-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:41 am	07/24/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0833	0.166	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0833	0.166	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp04_072424 **York Sample ID:** 24G1585-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:41 am	07/24/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0417	0.0833	2	EPA 8270E	07/25/2024 08:09	07/26/2024 10:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*52.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.5 %*	*24-116*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.113	0.180	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0540	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: Comp04_072424 **York Sample ID:** 24G1585-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:41 am	07/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.107	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.182	0.186	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.175	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.170	0.189	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.192	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.194	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.166	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.105	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.151	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.198	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.111	0.407	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**0.165**	J	ug/kg dry	0.149	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.158	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.194	0.196	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.606	0.774	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.769	0.782	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.111	0.814	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.142	0.362	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.196	0.407	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:13	AM
								Certifications: NELAC-NH2097			

Sample Information

Client Sample ID: Comp04_072424 **York Sample ID:** 24G1585-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:41 am	07/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0631	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:13	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0977	0.407	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:13	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.160	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:13	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.606	0.764	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:13	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.619	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:13	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.317	0.770	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:13	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.250	0.762	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:13	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.177	0.770	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:13	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.172	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:13	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.126	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:13	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.645	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:13	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.14	5.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:13	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.53	5.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:13	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.622	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:13	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.183	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:13	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.710	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:13	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:13	AM

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*115 %*	*25-150*
Surrogate: M5PFHxA	*114 %*	*25-150*
Surrogate: M4PFHpA	*115 %*	*25-150*
Surrogate: M3PFHxS	*109 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*111 %*	*25-150*
Surrogate: M6PFDA	*90.3 %*	*25-150*
Surrogate: M7PFUdA	*96.8 %*	*25-150*

Sample Information

Client Sample ID: Comp04_072424 **York Sample ID:** 24G1585-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:41 am	07/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*65.8 %*			*25-150*						
	Surrogate: M2PFTeDA	*49.1 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*3.90 %*	PFSu-L		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*88.7 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*98.5 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*99.7 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*93.5 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*116 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*84.1 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*86.4 %*			*25-200*						
	Surrogate: M9PFNA	*112 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*83.5 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*39.3 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*25.6 %*			*25-150*						
	Surrogate: M3HFPO-DA	*146 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*48.8 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*70.4 %*			*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0334	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp04_072424 **York Sample ID:** 24G1585-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:41 am	07/24/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.167	5	EPA 8081B	07/25/2024 08:03	07/26/2024 10:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0169	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0169	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0169	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0169	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0169	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp04_072424 **York Sample ID:** 24G1585-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:41 am	07/24/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0169	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0169	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0169	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:37	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*95.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**921**		mg/kg dry	4.28	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.14	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.81**		mg/kg dry	1.29	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**180**		mg/kg dry	2.14	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.077**		mg/kg dry	0.043	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.334**		mg/kg dry	0.257	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**346000**		mg/kg dry	42.8	10	EPA 6010D	07/27/2024 08:52	07/30/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.651**		mg/kg dry	0.429	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/kg dry	0.342	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**2.59**		mg/kg dry	1.71	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**2810**		mg/kg dry	21.4	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**29.7**		mg/kg dry	0.429	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**20300**		mg/kg dry	4.29	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**644**		mg/kg dry	0.429	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp04_072424 **York Sample ID:** 24G1585-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:41 am	07/24/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/kg dry	0.853	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**315**		mg/kg dry	4.29	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.14	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.432	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**260**		mg/kg dry	42.8	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.14	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**1.78**		mg/kg dry	0.853	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**36.3**		mg/kg dry	2.13	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0308	1	EPA 7473	07/25/2024 14:07	07/26/2024 16:29	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.3**		%	0.100	1	SM 2540G	07/25/2024 06:51	07/25/2024 09:46	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Comp05_072424 **York Sample ID:** 24G1585-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:50 am	07/24/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0842	0.168	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp05_072424 **York Sample ID:** 24G1585-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:50 am	07/24/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0842	0.168	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0842	0.168	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.169	0.337	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.169	0.337	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp05_072424 **York Sample ID:** 24G1585-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:50 am	07/24/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp05_072424 **York Sample ID:** 24G1585-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:50 am	07/24/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*47.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*53.4 %*	*24-116*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.114	0.182	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0545	0.206	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: Comp05_072424 **York Sample ID:** 24G1585-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:50 am	07/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.108	0.206	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.184	0.188	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.177	0.206	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.172	0.191	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.194	0.206	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.196	0.206	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.206	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.206	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.152	0.206	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.200	0.206	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.112	0.411	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**0.448**		ug/kg dry	0.150	0.206	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.159	0.206	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.196	0.199	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.612	0.782	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.777	0.790	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.112	0.823	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.143	0.366	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.199	0.411	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:29	AM
								Certifications: NELAC-NH2097			

Sample Information

Client Sample ID: Comp05_072424 **York Sample ID:** 24G1585-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:50 am	07/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0638	0.411	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:29	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0988	0.411	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:29	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:29	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.612	0.772	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:29	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.625	0.823	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:29	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.320	0.778	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:29	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.253	0.769	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:29	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.179	0.778	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:29	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.174	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:29	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.128	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:29	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.652	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:29	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.16	5.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:29	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.54	5.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:29	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.629	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:29	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:29	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.717	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:29	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:29	AM

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*115 %*	*25-150*
Surrogate: M5PFHxA	*105 %*	*25-150*
Surrogate: M4PFHpA	*110 %*	*25-150*
Surrogate: M3PFHxS	*119 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*103 %*	*25-150*
Surrogate: M6PFDA	*109 %*	*25-150*
Surrogate: M7PFUdA	*107 %*	*25-150*

Sample Information

Client Sample ID: Comp05_072424 **York Sample ID:** 24G1585-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:50 am	07/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*80.9 %*			*25-150*						
	Surrogate: M2PFTeDA	*52.2 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*5.39 %*	PFSu-L		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*113 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*97.7 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*105 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*93.3 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*116 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*82.7 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*94.3 %*			*25-200*						
	Surrogate: M9PFNA	*114 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*95.7 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*44.6 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*19.7 %*	PFSu-L		*25-150*						
	Surrogate: M3HFPO-DA	*132 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*52.5 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*72.0 %*			*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0338	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp05_072424 **York Sample ID:** 24G1585-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:50 am	07/24/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.169	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:09	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0170	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp05_072424 **York Sample ID:** 24G1585-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:50 am	07/24/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A	07/25/2024 08:03	07/25/2024 17:51	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1100**		mg/kg dry	4.32	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.16	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.86**		mg/kg dry	1.30	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**180**		mg/kg dry	2.16	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.138**		mg/kg dry	0.044	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.432**		mg/kg dry	0.259	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**230000**		mg/kg dry	4.32	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.01**		mg/kg dry	0.432	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**0.363**		mg/kg dry	0.345	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**2.80**		mg/kg dry	1.73	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**2970**		mg/kg dry	21.6	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**10.4**		mg/kg dry	0.432	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**23200**		mg/kg dry	4.32	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**335**		mg/kg dry	0.432	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp05_072424 **York Sample ID:** 24G1585-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 11:50 am	07/24/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/kg dry	0.861	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**299**		mg/kg dry	4.32	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.16	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.436	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**263**		mg/kg dry	43.2	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.16	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**1.97**		mg/kg dry	0.861	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**75.3**		mg/kg dry	2.15	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:51	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0311	1	EPA 7473	07/25/2024 14:07	07/26/2024 16:29	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.4**		%	0.100	1	SM 2540G	07/25/2024 06:51	07/25/2024 09:46	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Comp06_072424 **York Sample ID:** 24G1585-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:00 pm	07/24/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0861	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp06_072424 **York Sample ID:** 24G1585-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:00 pm	07/24/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0861	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0861	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.172	0.345	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.172	0.345	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp06_072424 **York Sample ID:** 24G1585-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:00 pm	07/24/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0861	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp06_072424 **York Sample ID:** 24G1585-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:00 pm	07/24/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0431	0.0861	2	EPA 8270E	07/25/2024 08:09	07/26/2024 11:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*53.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*52.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.4 %*	*24-116*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.113	0.181	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0541	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: Comp06_072424 **York Sample ID:** 24G1585-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:00 pm	07/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.107	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.183	0.187	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.176	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.171	0.190	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.193	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.195	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.166	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.128	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.105	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.151	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.198	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.111	0.408	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.149	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.158	0.204	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.195	0.197	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.608	0.776	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.771	0.784	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.111	0.817	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.142	0.364	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.197	0.408	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 01:45	AM
								Certifications: NELAC-NH2097			

Sample Information

Client Sample ID: Comp06_072424 **York Sample ID:** 24G1585-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:00 pm	07/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0633	0.408	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:45	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0980	0.408	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:45	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.160	0.192	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:45	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.608	0.766	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:45	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.621	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:45	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.318	0.772	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:45	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.251	0.764	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:45	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.178	0.772	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:45	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.173	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:45	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.127	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 01:45	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.647	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:45	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.14	5.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:45	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.53	5.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:45	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.624	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:45	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.184	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:45	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.712	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:45	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 01:45	AM

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*129 %*	*25-150*
Surrogate: M5PFHxA	*119 %*	*25-150*
Surrogate: M4PFHpA	*116 %*	*25-150*
Surrogate: M3PFHxS	*125 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*117 %*	*25-150*
Surrogate: M6PFDA	*112 %*	*25-150*
Surrogate: M7PFUdA	*121 %*	*25-150*

Sample Information

Client Sample ID: Comp06_072424 **York Sample ID:** 24G1585-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:00 pm	07/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*87.7 %*			*25-150*						
	Surrogate: M2PFTeDA	*53.7 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*4.06 %*	PFSu-L		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*107 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*95.9 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*111 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*92.0 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*111 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*98.1 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*103 %*			*25-200*						
	Surrogate: M9PFNA	*98.1 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*112 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*47.8 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*20.4 %*	PFSu-L		*25-150*						
	Surrogate: M3HFPO-DA	*139 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*51.5 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*75.8 %*			*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0332	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp06_072424 **York Sample ID:** 24G1585-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:00 pm	07/24/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:26	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0167	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0167	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0167	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0167	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0167	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp06_072424 **York Sample ID:** 24G1585-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:00 pm	07/24/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0167	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0167	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0167	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:05	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**945**		mg/kg dry	4.31	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.16	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.48**		mg/kg dry	1.29	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**140**		mg/kg dry	2.15	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.104**		mg/kg dry	0.043	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.431**		mg/kg dry	0.259	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**400000**		mg/kg dry	43.2	10	EPA 6010D	07/27/2024 08:52	07/30/2024 12:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.854**		mg/kg dry	0.432	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/kg dry	0.345	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**2.85**		mg/kg dry	1.73	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**2840**		mg/kg dry	21.6	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**16.2**		mg/kg dry	0.432	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**21100**		mg/kg dry	4.32	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**408**		mg/kg dry	0.432	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp06_072424 **York Sample ID:** 24G1585-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:00 pm	07/24/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/kg dry	0.859	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**274**		mg/kg dry	4.32	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.16	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.435	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**215**		mg/kg dry	43.2	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.16	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**1.78**		mg/kg dry	0.859	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**65.7**		mg/kg dry	2.15	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:52	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0311	1	EPA 7473	07/25/2024 14:07	07/26/2024 16:29	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.6**		%	0.100	1	SM 2540G	07/25/2024 06:51	07/25/2024 09:46	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Comp02_072424 **York Sample ID:** 24G1585-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:12 pm	07/24/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0860	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp02_072424 **York Sample ID:** 24G1585-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:12 pm	07/24/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0860	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0860	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.172	0.345	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.172	0.345	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp02_072424 **York Sample ID:** 24G1585-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:12 pm	07/24/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0860	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp02_072424 **York Sample ID:** 24G1585-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:12 pm	07/24/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:27	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*62.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.9 %*	*24-116*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.114	0.181	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0542	0.205	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: Comp02_072424 **York Sample ID:** 24G1585-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:12 pm	07/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.107	0.205	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.183	0.187	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.176	0.205	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.171	0.190	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.193	0.205	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.195	0.205	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.167	0.205	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.128	0.205	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.105	0.205	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.151	0.205	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.198	0.205	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.111	0.409	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**0.285**		ug/kg dry	0.149	0.205	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.159	0.205	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.195	0.197	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.609	0.777	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.772	0.786	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.111	0.818	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.142	0.364	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.197	0.409	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:01	AM
								Certifications: NELAC-NH2097			

Sample Information

Client Sample ID: Comp02_072424 **York Sample ID:** 24G1585-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:12 pm	07/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0634	0.409	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:01	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0982	0.409	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:01	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.161	0.192	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 02:01	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.609	0.767	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 02:01	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.622	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 02:01	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.318	0.773	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 02:01	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.252	0.765	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 02:01	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.178	0.773	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 02:01	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.173	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:01	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.127	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 02:01	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.648	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:01	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.15	5.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:01	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.53	5.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:01	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.625	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:01	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.184	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:01	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.713	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:01	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:01	AM

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*118 %*	*25-150*
Surrogate: M5PFHxA	*127 %*	*25-150*
Surrogate: M4PFHpA	*121 %*	*25-150*
Surrogate: M3PFHxS	*110 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*131 %*	*25-150*
Surrogate: M6PFDA	*111 %*	*25-150*
Surrogate: M7PFUdA	*137 %*	*25-150*

Sample Information

Client Sample ID: Comp02_072424 **York Sample ID:** 24G1585-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:12 pm	07/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*96.5 %*			*25-150*						
	Surrogate: M2PFTeDA	*71.5 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*4.83 %*	PFSu-L		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*120 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*105 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*105 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*91.5 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*124 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*98.7 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*98.5 %*			*25-200*						
	Surrogate: M9PFNA	*121 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*103 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*49.7 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*30.2 %*			*25-150*						
	Surrogate: M3HFPO-DA	*151 %*	PFSu-H		*25-150*						
	Surrogate: d9-N-EtFOSE	*66.3 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*83.6 %*			*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0332	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp02_072424 **York Sample ID:** 24G1585-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:12 pm	07/24/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 11:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0167	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0167	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0167	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0167	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0167	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp02_072424 **York Sample ID:** 24G1585-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:12 pm	07/24/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0167	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0167	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0167	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:18	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1780**		mg/kg dry	4.31	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.16	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.46**		mg/kg dry	1.29	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**266**		mg/kg dry	2.15	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.198**		mg/kg dry	0.043	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.509**		mg/kg dry	0.259	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**230000**		mg/kg dry	4.31	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.54**		mg/kg dry	0.432	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/kg dry	0.345	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**3.23**		mg/kg dry	1.73	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**3950**		mg/kg dry	21.6	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**11.0**		mg/kg dry	0.432	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**24500**		mg/kg dry	4.32	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**406**		mg/kg dry	0.432	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp02_072424 **York Sample ID:** 24G1585-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:12 pm	07/24/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**0.975**		mg/kg dry	0.859	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**487**		mg/kg dry	4.32	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.16	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.435	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**367**		mg/kg dry	43.1	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.16	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**2.71**		mg/kg dry	0.859	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**81.1**		mg/kg dry	2.15	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0311	1	EPA 7473	07/25/2024 14:07	07/26/2024 16:29	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.6**		%	0.100	1	SM 2540G	07/25/2024 06:51	07/25/2024 09:46	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Comp08_072424 **York Sample ID:** 24G1585-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:20 pm	07/24/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0859	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp08_072424 **York Sample ID:** 24G1585-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:20 pm	07/24/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0859	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0859	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.172	0.344	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.172	0.344	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp08_072424 **York Sample ID:** 24G1585-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:20 pm	07/24/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp08_072424 **York Sample ID:** 24G1585-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:20 pm	07/24/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	07/25/2024 08:09	07/26/2024 12:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.1 %*	*24-116*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.113	0.180	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0538	0.203	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: Comp08_072424 **York Sample ID:** 24G1585-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:20 pm	07/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.107	0.203	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.182	0.186	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.175	0.203	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.170	0.189	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.192	0.203	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.194	0.203	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.166	0.203	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.203	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.105	0.203	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.150	0.203	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.197	0.203	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.111	0.406	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**0.276**		ug/kg dry	0.148	0.203	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.157	0.203	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.194	0.196	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.604	0.772	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.767	0.780	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.111	0.813	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.141	0.362	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.196	0.406	1	EPA 1633 Draft 3	07/24/2024 15:59	07/30/2024 02:17	AM
								Certifications: NELAC-NH2097			

Sample Information

Client Sample ID: Comp08_072424 **York Sample ID:** 24G1585-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:20 pm	07/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0630	0.406	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:17	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0975	0.406	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:17	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.159	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 02:17	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.604	0.762	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 02:17	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.618	0.813	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 02:17	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.316	0.768	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 02:17	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.250	0.760	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 02:17	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.177	0.768	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 02:17	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.172	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:17	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.126	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	07/24/2024 15:59	07/30/2024 02:17	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.644	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:17	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.13	5.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:17	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.52	5.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:17	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.621	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:17	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.183	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:17	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.708	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:17	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	07/24/2024 15:59	07/30/2024 02:17	AM

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*118 %*	*25-150*
Surrogate: M5PFHxA	*124 %*	*25-150*
Surrogate: M4PFHpA	*119 %*	*25-150*
Surrogate: M3PFHxS	*111 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*109 %*	*25-150*
Surrogate: M6PFDA	*121 %*	*25-150*
Surrogate: M7PFUdA	*126 %*	*25-150*

Sample Information

Client Sample ID: Comp08_072424 **York Sample ID:** 24G1585-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:20 pm	07/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*98.5 %*			*25-150*						
	Surrogate: M2PFTeDA	*63.3 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*3.47 %*	PFSu-L		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*101 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*76.5 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*103 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*84.0 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*111 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*99.1 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*101 %*			*25-200*						
	Surrogate: M9PFNA	*112 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*115 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*46.0 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*21.7 %*	PFSu-L		*25-150*						
	Surrogate: M3HFPO-DA	*144 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*60.5 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*77.2 %*			*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0332	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp08_072424 **York Sample ID:** 24G1585-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:20 pm	07/24/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.166	5	EPA 8081B	07/25/2024 08:03	07/26/2024 12:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0168	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0168	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0168	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0168	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0168	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp08_072424 **York Sample ID:** 24G1585-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:20 pm	07/24/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0168	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0168	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0168	1	EPA 8082A	07/25/2024 08:03	07/25/2024 18:32	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1040**		mg/kg dry	4.31	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.15	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.41**		mg/kg dry	1.29	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**416**		mg/kg dry	2.15	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.155**		mg/kg dry	0.043	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.396**		mg/kg dry	0.258	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**248000**		mg/kg dry	4.31	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.853**		mg/kg dry	0.431	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/kg dry	0.344	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**8.44**		mg/kg dry	1.72	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**4020**		mg/kg dry	21.5	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**28.1**		mg/kg dry	0.431	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**24400**		mg/kg dry	4.31	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**358**		mg/kg dry	0.431	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp08_072424 **York Sample ID:** 24G1585-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Soil	July 24, 2024 12:20 pm	07/24/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**3.49**		mg/kg dry	0.858	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**339**		mg/kg dry	4.31	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.15	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.434	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**517**		mg/kg dry	43.1	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.15	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**1.59**		mg/kg dry	0.858	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**59.6**		mg/kg dry	2.15	1	EPA 6010D	07/27/2024 08:52	07/30/2024 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0310	1	EPA 7473	07/25/2024 14:07	07/26/2024 16:29	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.7**		%	0.100	1	SM 2540G	07/25/2024 06:51	07/25/2024 09:46	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TB_072424 **York Sample ID:** 24G1585-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Water	July 24, 2024 12:20 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CAL-E, CCVE	ug/L	40	40	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_072424 **York Sample ID:** 24G1585-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Water	July 24, 2024 12:20 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**1.6**	J, CAL-E	ug/L	1.0	2.0	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_072424 **York Sample ID:** 24G1585-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Water	July 24, 2024 12:20 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	ug/L	0.50	1.0	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_072424 **York Sample ID:** 24G1585-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24G1585	100688802	Water	July 24, 2024 12:20 pm	07/24/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	07/25/2024 06:00	07/25/2024 12:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.7 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*91.5 %*	*79-122*

Analytical Batch Summary

Batch ID: BG41586 **Preparation Method:** EPA 1633 Prep **Prepared By:** K H

YORK Sample ID	Client Sample ID	Preparation Date
24G1585-16	Comp03_072424	07/24/24
24G1585-17	Comp04_072424	07/24/24
24G1585-18	Comp05_072424	07/24/24
24G1585-19	Comp06_072424	07/24/24
24G1585-20	Comp02_072424	07/24/24
24G1585-21	Comp08_072424	07/24/24
BG41586-BLK1	Blank	07/24/24
BG41586-BS1	LCS	07/24/24
BG41586-BS2	LCS	07/24/24

Batch ID: BG41599 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24G1585-16	Comp03_072424	07/25/24
24G1585-17	Comp04_072424	07/25/24
24G1585-18	Comp05_072424	07/25/24
24G1585-19	Comp06_072424	07/25/24
24G1585-20	Comp02_072424	07/25/24
24G1585-21	Comp08_072424	07/25/24

Batch ID: BG41613 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24G1585-16	Comp03_072424	07/25/24
24G1585-16	Comp03_072424	07/25/24
24G1585-17	Comp04_072424	07/25/24
24G1585-17	Comp04_072424	07/25/24
24G1585-18	Comp05_072424	07/25/24
24G1585-18	Comp05_072424	07/25/24
24G1585-19	Comp06_072424	07/25/24
24G1585-19	Comp06_072424	07/25/24
24G1585-20	Comp02_072424	07/25/24
24G1585-20	Comp02_072424	07/25/24
24G1585-21	Comp08_072424	07/25/24
24G1585-21	Comp08_072424	07/25/24
BG41613-BLK1	Blank	07/25/24
BG41613-BLK2	Blank	07/25/24
BG41613-BS1	LCS	07/25/24
BG41613-BS2	LCS	07/25/24

Batch ID: BG41617 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24G1585-16	Comp03_072424	07/25/24

24G1585-17	Comp04_072424	07/25/24
24G1585-18	Comp05_072424	07/25/24
24G1585-19	Comp06_072424	07/25/24
24G1585-20	Comp02_072424	07/25/24
24G1585-21	Comp08_072424	07/25/24
BG41617-BLK1	Blank	07/25/24
BG41617-BS1	LCS	07/25/24

Batch ID: BG41634 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24G1585-01	Grab09_072424	07/25/24
24G1585-02	Grab10_072424	07/25/24
BG41634-BLK1	Blank	07/25/24
BG41634-BS1	LCS	07/25/24
BG41634-BSD1	LCS Dup	07/25/24

Batch ID: BG41635 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24G1585-22	TB_072424	07/25/24
BG41635-BLK1	Blank	07/25/24
BG41635-BS1	LCS	07/25/24
BG41635-BSD1	LCS Dup	07/25/24

Batch ID: BG41653 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24G1585-16	Comp03_072424	07/25/24
24G1585-17	Comp04_072424	07/25/24
24G1585-18	Comp05_072424	07/25/24
24G1585-19	Comp06_072424	07/25/24
24G1585-20	Comp02_072424	07/25/24
24G1585-21	Comp08_072424	07/25/24
BG41653-BLK1	Blank	07/25/24
BG41653-SRM1	Reference	07/25/24

Batch ID: BG41658 **Preparation Method:** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24G1585-01	Grab09_072424	07/30/24
24G1585-02	Grab10_072424	07/30/24
24G1585-03	Grab11_072424	07/30/24
24G1585-04	Grab12_072424	07/30/24
24G1585-05	Grab13_072424	07/30/24
24G1585-06	Grab14_072424	07/30/24
24G1585-07	Grab15_072424	07/30/24
24G1585-08	Grab16_072424	07/30/24
24G1585-09	Grab17_072424	07/30/24

24G1585-10	Grab18_072424	07/30/24
24G1585-11	Grab19_072424	07/30/24
24G1585-12	Grab20_072424	07/30/24
24G1585-13	Grab21_072424	07/30/24
24G1585-14	Grab22_072424	07/30/24
24G1585-15	Grab08_072424	07/30/24

Batch ID: BG41719 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24G1585-03	Grab11_072424	07/26/24
24G1585-04	Grab12_072424	07/26/24
24G1585-05	Grab13_072424	07/26/24
24G1585-06	Grab14_072424	07/26/24
24G1585-07	Grab15_072424	07/26/24
24G1585-08	Grab16_072424	07/26/24
24G1585-09	Grab17_072424	07/26/24
24G1585-10	Grab18_072424	07/26/24
24G1585-11	Grab19_072424	07/26/24
24G1585-12	Grab20_072424	07/26/24
24G1585-13	Grab21_072424	07/26/24
24G1585-14	Grab22_072424	07/26/24
24G1585-15	Grab08_072424	07/26/24
BG41719-BLK1	Blank	07/26/24
BG41719-BS1	LCS	07/26/24
BG41719-BSD1	LCS Dup	07/26/24

Batch ID: BG41774 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24G1585-17	Comp04_072424	07/27/24
24G1585-17RE1	Comp04_072424	07/27/24
24G1585-18	Comp05_072424	07/27/24
24G1585-19	Comp06_072424	07/27/24
24G1585-19RE1	Comp06_072424	07/27/24
24G1585-20	Comp02_072424	07/27/24
24G1585-21	Comp08_072424	07/27/24
BG41774-BLK1	Blank	07/27/24
BG41774-SRM1	Reference	07/27/24

Batch ID: BG41838 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24G1585-16	Comp03_072424	07/29/24
BG41838-BLK1	Blank	07/29/24
BG41838-SRM1	Reference	07/29/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41634 - EPA 5035A											
Blank (BG41634-BLK1) Blank									Prepared & Analyzed: 07/25/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41634 - EPA 5035A											
Blank (BG41634-BLK1) Blank									Prepared & Analyzed: 07/25/2024		
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				
LCS (BG41634-BS1) LCS									Prepared & Analyzed: 07/25/2024		
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	52		"	50.0		104	71-137				
1,1,2,2-Tetrachloroethane	50		"	50.0		101	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59		"	50.0		118	58-146				
1,1,2-Trichloroethane	49		"	50.0		98.6	83-123				
1,1-Dichloroethane	54		"	50.0		108	75-130				
1,1-Dichloroethylene	58		"	50.0		117	64-137				
1,2,3-Trichlorobenzene	52		"	50.0		105	81-140				
1,2,3-Trichloropropane	49		"	50.0		97.2	81-126				
1,2,4-Trichlorobenzene	54		"	50.0		109	80-141				
1,2,4-Trimethylbenzene	53		"	50.0		105	84-125				
1,2-Dibromo-3-chloropropane	50		"	50.0		101	74-142				
1,2-Dibromoethane	49		"	50.0		97.2	86-123				
1,2-Dichlorobenzene	49		"	50.0		98.1	85-122				
1,2-Dichloroethane	51		"	50.0		102	71-133				
1,2-Dichloropropane	52		"	50.0		103	81-122				
1,3,5-Trimethylbenzene	54		"	50.0		108	82-126				
1,3-Dichlorobenzene	50		"	50.0		99.3	84-124				
1,4-Dichlorobenzene	49		"	50.0		98.3	84-124				
1,4-Dioxane	850		"	1050		80.8	10-228				
2-Butanone	52		"	50.0		105	58-147				
2-Hexanone	51		"	50.0		101	70-139				
4-Methyl-2-pentanone	38		"	50.0		75.7	72-132				
Acetone	44		"	50.0		88.6	36-155				
Acrolein	32		"	50.0		63.5	10-238				
Acrylonitrile	55		"	50.0		110	66-141				
Benzene	52		"	50.0		104	77-127				
Bromochloromethane	55		"	50.0		110	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41634 - EPA 5035A											
LCS (BG41634-BS1) LCS							Prepared & Analyzed: 07/25/2024				
Bromodichloromethane	52		ug/L	50.0		104	81-124				
Bromoform	51		"	50.0		101	80-136				
Bromomethane	56		"	50.0		111	32-177				
Carbon disulfide	58		"	50.0		116	10-136				
Carbon tetrachloride	52		"	50.0		104	66-143				
Chlorobenzene	50		"	50.0		99.2	86-120				
Chloroethane	54		"	50.0		109	51-142				
Chloroform	52		"	50.0		103	76-131				
Chloromethane	55		"	50.0		110	49-132				
cis-1,2-Dichloroethylene	55		"	50.0		110	74-132				
cis-1,3-Dichloropropylene	52		"	50.0		104	81-129				
Cyclohexane	61		"	50.0		122	70-130				
Dibromochloromethane	51		"	50.0		102	10-200				
Dibromomethane	49		"	50.0		97.3	83-124				
Dichlorodifluoromethane	44		"	50.0		88.0	28-158				
Ethyl Benzene	52		"	50.0		103	84-125				
Hexachlorobutadiene	52		"	50.0		104	83-133				
Isopropylbenzene	52		"	50.0		103	81-127				
Methyl acetate	49		"	50.0		97.4	41-143				
Methyl tert-butyl ether (MTBE)	52		"	50.0		103	74-131				
Methylcyclohexane	52		"	50.0		103	70-130				
Methylene chloride	54		"	50.0		108	57-141				
n-Butylbenzene	53		"	50.0		106	80-130				
n-Propylbenzene	52		"	50.0		104	74-136				
o-Xylene	50		"	50.0		101	83-123				
p- & m- Xylenes	100		"	100		101	82-128				
p-Isopropyltoluene	53		"	50.0		106	85-125				
sec-Butylbenzene	52		"	50.0		104	83-125				
Styrene	53		"	50.0		105	86-126				
tert-Butyl alcohol (TBA)	240		"	250		95.0	70-130				
tert-Butylbenzene	45		"	50.0		89.8	80-127				
Tetrachloroethylene	40		"	50.0		80.9	80-129				
Toluene	50		"	50.0		99.9	85-121				
trans-1,2-Dichloroethylene	56		"	50.0		112	72-132				
trans-1,3-Dichloropropylene	55		"	50.0		109	78-132				
trans-1,4-dichloro-2-butene	53		"	50.0		105	75-135				
Trichloroethylene	50		"	50.0		101	84-123				
Trichlorofluoromethane	54		"	50.0		108	62-140				
Vinyl Chloride	56		"	50.0		112	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.1*		*"*	*50.0*		*98.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*99.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41634 - EPA 5035A											
LCS Dup (BG41634-BSD1) LCS Dup								Prepared & Analyzed: 07/25/2024			
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		103	75-129		0.545	30	
1,1,1-Trichloroethane	52		"	50.0		105	71-137		0.650	30	
1,1,2,2-Tetrachloroethane	52		"	50.0		104	79-129		3.43	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		113	58-146		4.26	30	
1,1,2-Trichloroethane	50		"	50.0		99.4	83-123		0.828	30	
1,1-Dichloroethane	54		"	50.0		109	75-130		1.02	30	
1,1-Dichloroethylene	58		"	50.0		116	64-137		0.480	30	
1,2,3-Trichlorobenzene	52		"	50.0		104	81-140		0.632	30	
1,2,3-Trichloropropane	50		"	50.0		99.1	81-126		1.92	30	
1,2,4-Trichlorobenzene	54		"	50.0		107	80-141		1.30	30	
1,2,4-Trimethylbenzene	53		"	50.0		107	84-125		1.74	30	
1,2-Dibromo-3-chloropropane	51		"	50.0		101	74-142		0.337	30	
1,2-Dibromoethane	50		"	50.0		99.8	86-123		2.60	30	
1,2-Dichlorobenzene	50		"	50.0		99.9	85-122		1.78	30	
1,2-Dichloroethane	51		"	50.0		103	71-133		0.429	30	
1,2-Dichloropropane	52		"	50.0		104	81-122		0.522	30	
1,3,5-Trimethylbenzene	55		"	50.0		110	82-126		1.77	30	
1,3-Dichlorobenzene	51		"	50.0		101	84-124		1.70	30	
1,4-Dichlorobenzene	50		"	50.0		100	84-124		2.17	30	
1,4-Dioxane	860		"	1050		81.8	10-228		1.22	30	
2-Butanone	57		"	50.0		114	58-147		8.66	30	
2-Hexanone	53		"	50.0		107	70-139		5.06	30	
4-Methyl-2-pentanone	39		"	50.0		77.9	72-132		2.92	30	
Acetone	45		"	50.0		90.5	36-155		2.12	30	
Acrolein	29		"	50.0		58.0	10-238		9.19	30	
Acrylonitrile	55		"	50.0		110	66-141		0.218	30	
Benzene	52		"	50.0		105	77-127		0.961	30	
Bromochloromethane	56		"	50.0		112	74-129		1.21	30	
Bromodichloromethane	52		"	50.0		105	81-124		0.806	30	
Bromoform	52		"	50.0		104	80-136		2.68	30	
Bromomethane	56		"	50.0		112	32-177		0.305	30	
Carbon disulfide	58		"	50.0		116	10-136		0.620	30	
Carbon tetrachloride	53		"	50.0		105	66-143		0.822	30	
Chlorobenzene	50		"	50.0		101	86-120		1.60	30	
Chloroethane	55		"	50.0		110	51-142		1.29	30	
Chloroform	52		"	50.0		105	76-131		1.36	30	
Chloromethane	54		"	50.0		108	49-132		1.92	30	
cis-1,2-Dichloroethylene	56		"	50.0		111	74-132		1.32	30	
cis-1,3-Dichloropropylene	53		"	50.0		106	81-129		1.60	30	
Cyclohexane	61		"	50.0		121	70-130		0.214	30	
Dibromochloromethane	52		"	50.0		104	10-200		1.95	30	
Dibromomethane	49		"	50.0		98.8	83-124		1.59	30	
Dichlorodifluoromethane	42		"	50.0		84.2	28-158		4.44	30	
Ethyl Benzene	52		"	50.0		105	84-125		1.44	30	
Hexachlorobutadiene	52		"	50.0		103	83-133		0.869	30	
Isopropylbenzene	53		"	50.0		105	81-127		1.96	30	
Methyl acetate	50		"	50.0		99.3	41-143		1.93	30	
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	74-131		2.73	30	
Methylcyclohexane	52		"	50.0		103	70-130		0.0387	30	
Methylene chloride	55		"	50.0		110	57-141		1.45	30	
n-Butylbenzene	53		"	50.0		106	80-130		0.585	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41634 - EPA 5035A											
LCS Dup (BG41634-BSD1) LCS Dup								Prepared & Analyzed: 07/25/2024			
n-Propylbenzene	53		ug/L	50.0		106	74-136		1.24	30	
o-Xylene	51		"	50.0		102	83-123		1.85	30	
p- & m- Xylenes	100		"	100		102	82-128		1.08	30	
p-Isopropyltoluene	54		"	50.0		108	85-125		1.14	30	
sec-Butylbenzene	53		"	50.0		106	83-125		1.91	30	
Styrene	53		"	50.0		107	86-126		1.44	30	
tert-Butyl alcohol (TBA)	250		"	250		102	70-130		7.07	30	
tert-Butylbenzene	46		"	50.0		92.6	80-127		2.98	30	
Tetrachloroethylene	41		"	50.0		81.1	80-129		0.222	30	
Toluene	51		"	50.0		101	85-121		1.37	30	
trans-1,2-Dichloroethylene	56		"	50.0		112	72-132		0.0357	30	
trans-1,3-Dichloropropylene	56		"	50.0		111	78-132		1.52	30	
trans-1,4-dichloro-2-butene	54		"	50.0		108	75-135		2.98	30	
Trichloroethylene	51		"	50.0		102	84-123		1.01	30	
Trichlorofluoromethane	54		"	50.0		108	62-140		0.296	30	
Vinyl Chloride	55		"	50.0		109	52-130		1.90	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.2*		*"*	*50.0*		*98.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				
Batch BG41635 - EPA 5030B											
Blank (BG41635-BLK1) Blank								Prepared & Analyzed: 07/25/2024			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41635 - EPA 5030B											
Blank (BG41635-BLK1) Blank								Prepared & Analyzed: 07/25/2024			
Bromodichloromethane	ND	0.50	ug/L								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.73*		*"*	*10.0*		*97.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.19*		*"*	*10.0*		*91.9*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41635 - EPA 5030B											
LCS (BG41635-BS1) LCS							Prepared & Analyzed: 07/25/2024				
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		105	82-126				
1,1,1-Trichloroethane	11		"	10.0		105	78-136				
1,1,2,2-Tetrachloroethane	9.0		"	10.0		90.4	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		118	54-165				
1,1,2-Trichloroethane	9.5		"	10.0		95.3	82-123				
1,1-Dichloroethane	11		"	10.0		105	82-129				
1,1-Dichloroethylene	11		"	10.0		114	68-138				
1,2,3-Trichlorobenzene	7.4		"	10.0		73.7	40-130				
1,2,3-Trichloropropane	8.9		"	10.0		89.3	77-128				
1,2,4-Trichlorobenzene	7.7		"	10.0		76.8	65-137				
1,2,4-Trimethylbenzene	11		"	10.0		107	82-132				
1,2-Dibromo-3-chloropropane	8.0		"	10.0		80.4	45-147				
1,2-Dibromoethane	9.1		"	10.0		91.1	83-124				
1,2-Dichlorobenzene	9.8		"	10.0		97.6	79-123				
1,2-Dichloroethane	9.8		"	10.0		97.5	73-132				
1,2-Dichloropropane	11		"	10.0		107	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		111	80-131				
1,3-Dichlorobenzene	9.9		"	10.0		99.3	86-130				
1,4-Dichlorobenzene	9.6		"	10.0		96.0	85-130				
1,4-Dioxane	120		"	210		58.1	10-349				
2-Butanone	9.2		"	10.0		92.0	49-152				
2-Hexanone	7.1		"	10.0		71.0	51-146				
4-Methyl-2-pentanone	7.0		"	10.0		70.4	57-145				
Acetone	7.5		"	10.0		75.2	14-150				
Acrolein	3.5		"	10.0		34.6	10-153				
Acrylonitrile	8.3		"	10.0		83.0	51-150				
Benzene	11		"	10.0		110	85-126				
Bromochloromethane	9.6		"	10.0		95.5	77-128				
Bromodichloromethane	10		"	10.0		102	79-128				
Bromoform	8.0		"	10.0		79.7	78-133				
Bromomethane	12		"	10.0		116	43-168				
Carbon disulfide	11		"	10.0		107	68-146				
Carbon tetrachloride	11		"	10.0		108	77-141				
Chlorobenzene	10		"	10.0		105	88-120				
Chloroethane	10		"	10.0		102	65-136				
Chloroform	11		"	10.0		106	82-128				
Chloromethane	9.6		"	10.0		95.9	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	9.5		"	10.0		94.6	80-131				
Cyclohexane	5.4		"	10.0		53.5	63-149	Low Bias			
Dibromochloromethane	9.4		"	10.0		93.7	80-130				
Dibromomethane	9.3		"	10.0		93.1	72-134				
Dichlorodifluoromethane	8.8		"	10.0		87.6	44-144				
Ethyl Benzene	12		"	10.0		116	80-131				
Hexachlorobutadiene	9.0		"	10.0		90.4	67-146				
Isopropylbenzene	11		"	10.0		112	76-140				
Methyl acetate	8.0		"	10.0		80.1	51-139				
Methyl tert-butyl ether (MTBE)	8.3		"	10.0		82.8	76-135				
Methylcyclohexane	11		"	10.0		111	72-143				
Methylene chloride	10		"	10.0		99.7	55-137				
n-Butylbenzene	11		"	10.0		108	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41635 - EPA 5030B											
LCS (BG41635-BS1) LCS							Prepared & Analyzed: 07/25/2024				
n-Propylbenzene	11		ug/L	10.0		113	78-133				
o-Xylene	11		"	10.0		111	78-130				
p- & m- Xylenes	22		"	20.0		112	77-133				
p-Isopropyltoluene	11		"	10.0		109	81-136				
sec-Butylbenzene	11		"	10.0		108	79-137				
Styrene	11		"	10.0		113	67-132				
tert-Butyl alcohol (TBA)	20		"	50.0		39.1	25-162				
tert-Butylbenzene	9.4		"	10.0		94.1	77-138				
Tetrachloroethylene	11		"	10.0		106	82-131				
Toluene	11		"	10.0		111	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	9.2		"	10.0		91.7	78-131				
trans-1,4-dichloro-2-butene	8.9		"	10.0		89.2	63-141				
Trichloroethylene	11		"	10.0		109	82-128				
Trichlorofluoromethane	12		"	10.0		119	67-139				
Vinyl Chloride	9.9		"	10.0		98.9	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.82*		*"*	*10.0*		*88.2*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.39*		*"*	*10.0*		*93.9*	*79-122*				
LCS Dup (BG41635-BSD1) LCS Dup							Prepared & Analyzed: 07/25/2024				
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		100	82-126		4.66	30	
1,1,1-Trichloroethane	9.8		"	10.0		97.7	78-136		7.39	30	
1,1,2,2-Tetrachloroethane	9.3		"	10.0		93.3	76-129		3.16	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		108	54-165		9.57	30	
1,1,2-Trichloroethane	9.6		"	10.0		96.3	82-123		1.04	30	
1,1-Dichloroethane	10		"	10.0		101	82-129		4.66	30	
1,1-Dichloroethylene	10		"	10.0		105	68-138		8.22	30	
1,2,3-Trichlorobenzene	7.8		"	10.0		78.0	40-130		5.67	30	
1,2,3-Trichloropropane	9.2		"	10.0		92.2	77-128		3.20	30	
1,2,4-Trichlorobenzene	7.8		"	10.0		78.1	65-137		1.68	30	
1,2,4-Trimethylbenzene	9.7		"	10.0		97.2	82-132		9.41	30	
1,2-Dibromo-3-chloropropane	8.3		"	10.0		82.8	45-147		2.94	30	
1,2-Dibromoethane	9.5		"	10.0		95.3	83-124		4.51	30	
1,2-Dichlorobenzene	9.4		"	10.0		94.2	79-123		3.55	30	
1,2-Dichloroethane	10		"	10.0		102	73-132		4.22	30	
1,2-Dichloropropane	9.8		"	10.0		97.6	78-126		9.47	30	
1,3,5-Trimethylbenzene	9.7		"	10.0		97.2	80-131		13.3	30	
1,3-Dichlorobenzene	9.3		"	10.0		93.2	86-130		6.34	30	
1,4-Dichlorobenzene	9.0		"	10.0		90.5	85-130		5.90	30	
1,4-Dioxane	160		"	210		76.4	10-349		27.3	30	
2-Butanone	10		"	10.0		105	49-152		13.2	30	
2-Hexanone	8.2		"	10.0		82.1	51-146		14.5	30	
4-Methyl-2-pentanone	8.2		"	10.0		81.8	57-145		15.0	30	
Acetone	8.4		"	10.0		83.7	14-150		10.7	30	
Acrolein	4.1		"	10.0		41.0	10-153		16.9	30	
Acrylonitrile	9.2		"	10.0		91.9	51-150		10.2	30	
Benzene	10		"	10.0		104	85-126		6.08	30	
Bromochloromethane	9.7		"	10.0		97.2	77-128		1.76	30	
Bromodichloromethane	9.7		"	10.0		97.1	79-128		5.31	30	
Bromoform	8.6		"	10.0		85.9	78-133		7.49	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41635 - EPA 5030B											
LCS Dup (BG41635-BSD1) LCS Dup								Prepared & Analyzed: 07/25/2024			
Bromomethane	11		ug/L	10.0		108	43-168		6.79	30	
Carbon disulfide	9.9		"	10.0		98.7	68-146		7.88	30	
Carbon tetrachloride	9.9		"	10.0		99.4	77-141		7.83	30	
Chlorobenzene	9.8		"	10.0		97.7	88-120		7.11	30	
Chloroethane	9.2		"	10.0		92.1	65-136		10.2	30	
Chloroform	10		"	10.0		103	82-128		2.78	30	
Chloromethane	8.6		"	10.0		85.9	43-155		11.0	30	
cis-1,2-Dichloroethylene	10		"	10.0		102	83-129		4.78	30	
cis-1,3-Dichloropropylene	9.2		"	10.0		92.3	80-131		2.46	30	
Cyclohexane	5.0		"	10.0		49.7	63-149	Low Bias	7.36	30	
Dibromochloromethane	9.5		"	10.0		95.0	80-130		1.38	30	
Dibromomethane	9.3		"	10.0		93.3	72-134		0.215	30	
Dichlorodifluoromethane	8.1		"	10.0		80.6	44-144		8.32	30	
Ethyl Benzene	11		"	10.0		106	80-131		9.07	30	
Hexachlorobutadiene	8.4		"	10.0		83.5	67-146		7.94	30	
Isopropylbenzene	9.6		"	10.0		96.5	76-140		14.7	30	
Methyl acetate	9.2		"	10.0		92.5	51-139		14.4	30	
Methyl tert-butyl ether (MTBE)	9.4		"	10.0		94.0	76-135		12.7	30	
Methylcyclohexane	9.8		"	10.0		97.8	72-143		12.9	30	
Methylene chloride	9.8		"	10.0		97.9	55-137		1.82	30	
n-Butylbenzene	9.6		"	10.0		96.2	79-132		11.6	30	
n-Propylbenzene	9.8		"	10.0		97.5	78-133		14.7	30	
o-Xylene	10		"	10.0		102	78-130		8.14	30	
p- & m- Xylenes	20		"	20.0		102	77-133		9.11	30	
p-Isopropyltoluene	9.7		"	10.0		96.8	81-136		12.2	30	
sec-Butylbenzene	9.5		"	10.0		95.2	79-137		12.8	30	
Styrene	11		"	10.0		108	67-132		4.36	30	
tert-Butyl alcohol (TBA)	28		"	50.0		55.5	25-162		34.8	30	Non-dir.
tert-Butylbenzene	8.3		"	10.0		83.1	77-138		12.4	30	
Tetrachloroethylene	9.5		"	10.0		95.3	82-131		11.1	30	
Toluene	10		"	10.0		100	80-127		9.84	30	
trans-1,2-Dichloroethylene	10		"	10.0		102	80-132		6.28	30	
trans-1,3-Dichloropropylene	9.2		"	10.0		91.5	78-131		0.218	30	
trans-1,4-dichloro-2-butene	9.0		"	10.0		90.2	63-141		1.11	30	
Trichloroethylene	9.5		"	10.0		94.8	82-128		14.0	30	
Trichlorofluoromethane	11		"	10.0		110	67-139		7.61	30	
Vinyl Chloride	8.9		"	10.0		89.0	58-145		10.5	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.97*		*"*	*10.0*		*99.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.61*		*"*	*10.0*		*96.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.19*		*"*	*10.0*		*91.9*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41719 - EPA 5035A											
Blank (BG41719-BLK1) Blank									Prepared & Analyzed: 07/26/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41719 - EPA 5035A											
Blank (BG41719-BLK1) Blank								Prepared & Analyzed: 07/26/2024			
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.8*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.5*		*"*	*50.0*		*97.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				
LCS (BG41719-BS1) LCS								Prepared & Analyzed: 07/26/2024			
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		103	75-129				
1,1,1-Trichloroethane	53		"	50.0		105	71-137				
1,1,2,2-Tetrachloroethane	50		"	50.0		101	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59		"	50.0		118	58-146				
1,1,2-Trichloroethane	49		"	50.0		98.8	83-123				
1,1-Dichloroethane	55		"	50.0		110	75-130				
1,1-Dichloroethylene	59		"	50.0		118	64-137				
1,2,3-Trichlorobenzene	53		"	50.0		106	81-140				
1,2,3-Trichloropropane	48		"	50.0		95.7	81-126				
1,2,4-Trichlorobenzene	55		"	50.0		111	80-141				
1,2,4-Trimethylbenzene	53		"	50.0		107	84-125				
1,2-Dibromo-3-chloropropane	50		"	50.0		100	74-142				
1,2-Dibromoethane	49		"	50.0		97.5	86-123				
1,2-Dichlorobenzene	50		"	50.0		99.9	85-122				
1,2-Dichloroethane	52		"	50.0		105	71-133				
1,2-Dichloropropane	52		"	50.0		104	81-122				
1,3,5-Trimethylbenzene	55		"	50.0		110	82-126				
1,3-Dichlorobenzene	50		"	50.0		101	84-124				
1,4-Dichlorobenzene	50		"	50.0		101	84-124				
1,4-Dioxane	790		"	1050		75.7	10-228				
2-Butanone	54		"	50.0		108	58-147				
2-Hexanone	50		"	50.0		99.2	70-139				
4-Methyl-2-pentanone	37		"	50.0		74.2	72-132				
Acetone	44		"	50.0		88.3	36-155				
Acrolein	30		"	50.0		60.9	10-238				
Acrylonitrile	53		"	50.0		106	66-141				
Benzene	53		"	50.0		106	77-127				
Bromochloromethane	58		"	50.0		115	74-129				
Bromodichloromethane	52		"	50.0		104	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41719 - EPA 5035A											
LCS (BG41719-BS1) LCS							Prepared & Analyzed: 07/26/2024				
Bromoform	51		ug/L	50.0		103	80-136				
Bromomethane	59		"	50.0		117	32-177				
Carbon disulfide	60		"	50.0		120	10-136				
Carbon tetrachloride	53		"	50.0		106	66-143				
Chlorobenzene	50		"	50.0		101	86-120				
Chloroethane	56		"	50.0		112	51-142				
Chloroform	53		"	50.0		106	76-131				
Chloromethane	57		"	50.0		114	49-132				
cis-1,2-Dichloroethylene	56		"	50.0		112	74-132				
cis-1,3-Dichloropropylene	53		"	50.0		105	81-129				
Cyclohexane	62		"	50.0		124	70-130				
Dibromochloromethane	51		"	50.0		102	10-200				
Dibromomethane	49		"	50.0		97.1	83-124				
Dichlorodifluoromethane	42		"	50.0		84.2	28-158				
Ethyl Benzene	53		"	50.0		105	84-125				
Hexachlorobutadiene	54		"	50.0		108	83-133				
Isopropylbenzene	52		"	50.0		104	81-127				
Methyl acetate	49		"	50.0		97.2	41-143				
Methyl tert-butyl ether (MTBE)	52		"	50.0		103	74-131				
Methylcyclohexane	52		"	50.0		104	70-130				
Methylene chloride	56		"	50.0		111	57-141				
n-Butylbenzene	55		"	50.0		109	80-130				
n-Propylbenzene	53		"	50.0		105	74-136				
o-Xylene	51		"	50.0		102	83-123				
p- & m- Xylenes	100		"	100		102	82-128				
p-Isopropyltoluene	54		"	50.0		108	85-125				
sec-Butylbenzene	53		"	50.0		106	83-125				
Styrene	53		"	50.0		106	86-126				
tert-Butyl alcohol (TBA)	230		"	250		92.3	70-130				
tert-Butylbenzene	46		"	50.0		91.5	80-127				
Tetrachloroethylene	41		"	50.0		82.7	80-129				
Toluene	51		"	50.0		102	85-121				
trans-1,2-Dichloroethylene	58		"	50.0		116	72-132				
trans-1,3-Dichloropropylene	55		"	50.0		110	78-132				
trans-1,4-dichloro-2-butene	52		"	50.0		105	75-135				
Trichloroethylene	51		"	50.0		102	84-123				
Trichlorofluoromethane	55		"	50.0		110	62-140				
Vinyl Chloride	58		"	50.0		116	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.8*		*"*	*50.0*		*99.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.2*		*"*	*50.0*		*98.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41719 - EPA 5035A											
LCS Dup (BG41719-BSD1) LCS Dup								Prepared & Analyzed: 07/26/2024			
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		105	75-129		1.63	30	
1,1,1-Trichloroethane	53		"	50.0		105	71-137		0.0570	30	
1,1,2,2-Tetrachloroethane	51		"	50.0		103	79-129		1.97	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59		"	50.0		118	58-146		0.323	30	
1,1,2-Trichloroethane	50		"	50.0		101	83-123		2.10	30	
1,1-Dichloroethane	55		"	50.0		110	75-130		0.237	30	
1,1-Dichloroethylene	58		"	50.0		117	64-137		1.24	30	
1,2,3-Trichlorobenzene	54		"	50.0		107	81-140		1.47	30	
1,2,3-Trichloropropane	48		"	50.0		96.7	81-126		1.06	30	
1,2,4-Trichlorobenzene	56		"	50.0		111	80-141		0.342	30	
1,2,4-Trimethylbenzene	54		"	50.0		108	84-125		1.49	30	
1,2-Dibromo-3-chloropropane	51		"	50.0		102	74-142		1.84	30	
1,2-Dibromoethane	50		"	50.0		99.7	86-123		2.23	30	
1,2-Dichlorobenzene	51		"	50.0		101	85-122		1.25	30	
1,2-Dichloroethane	52		"	50.0		105	71-133		0.0955	30	
1,2-Dichloropropane	53		"	50.0		106	81-122		1.37	30	
1,3,5-Trimethylbenzene	55		"	50.0		110	82-126		0.400	30	
1,3-Dichlorobenzene	51		"	50.0		102	84-124		1.68	30	
1,4-Dichlorobenzene	51		"	50.0		102	84-124		1.48	30	
1,4-Dioxane	860		"	1050		82.0	10-228		7.95	30	
2-Butanone	53		"	50.0		106	58-147		1.44	30	
2-Hexanone	52		"	50.0		104	70-139		4.24	30	
4-Methyl-2-pentanone	38		"	50.0		76.6	72-132		3.18	30	
Acetone	44		"	50.0		88.5	36-155		0.181	30	
Acrolein	29		"	50.0		58.8	10-238		3.51	30	
Acrylonitrile	55		"	50.0		111	66-141		4.35	30	
Benzene	53		"	50.0		106	77-127		0.189	30	
Bromochloromethane	58		"	50.0		116	74-129		0.467	30	
Bromodichloromethane	53		"	50.0		107	81-124		2.29	30	
Bromoform	52		"	50.0		104	80-136		1.57	30	
Bromomethane	60		"	50.0		120	32-177		2.23	30	
Carbon disulfide	59		"	50.0		118	10-136		1.45	30	
Carbon tetrachloride	53		"	50.0		105	66-143		0.474	30	
Chlorobenzene	51		"	50.0		102	86-120		1.28	30	
Chloroethane	55		"	50.0		111	51-142		1.13	30	
Chloroform	53		"	50.0		106	76-131		0.170	30	
Chloromethane	56		"	50.0		113	49-132		1.20	30	
cis-1,2-Dichloroethylene	56		"	50.0		113	74-132		0.338	30	
cis-1,3-Dichloropropylene	54		"	50.0		107	81-129		1.71	30	
Cyclohexane	61		"	50.0		123	70-130		0.795	30	
Dibromochloromethane	52		"	50.0		104	10-200		2.11	30	
Dibromomethane	49		"	50.0		98.1	83-124		1.00	30	
Dichlorodifluoromethane	40		"	50.0		80.3	28-158		4.72	30	
Ethyl Benzene	53		"	50.0		106	84-125		0.721	30	
Hexachlorobutadiene	54		"	50.0		107	83-133		0.724	30	
Isopropylbenzene	53		"	50.0		106	81-127		1.24	30	
Methyl acetate	49		"	50.0		98.3	41-143		1.11	30	
Methyl tert-butyl ether (MTBE)	53		"	50.0		105	74-131		1.69	30	
Methylcyclohexane	52		"	50.0		104	70-130		0.173	30	
Methylene chloride	56		"	50.0		112	57-141		0.700	30	
n-Butylbenzene	55		"	50.0		110	80-130		0.494	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41719 - EPA 5035A											
LCS Dup (BG41719-BSD1) LCS Dup								Prepared & Analyzed: 07/26/2024			
n-Propylbenzene	53		ug/L	50.0		105	74-136		0.190	30	
o-Xylene	51		"	50.0		103	83-123		1.23	30	
p- & m- Xylenes	100		"	100		103	82-128		1.02	30	
p-Isopropyltoluene	54		"	50.0		108	85-125		0.351	30	
sec-Butylbenzene	53		"	50.0		106	83-125		0.113	30	
Styrene	54		"	50.0		108	86-126		1.21	30	
tert-Butyl alcohol (TBA)	240		"	250		96.1	70-130		4.07	30	
tert-Butylbenzene	46		"	50.0		91.7	80-127		0.262	30	
Tetrachloroethylene	41		"	50.0		82.7	80-129		0.0484	30	
Toluene	52		"	50.0		103	85-121		1.52	30	
trans-1,2-Dichloroethylene	57		"	50.0		114	72-132		1.50	30	
trans-1,3-Dichloropropylene	56		"	50.0		112	78-132		2.18	30	
trans-1,4-dichloro-2-butene	53		"	50.0		106	75-135		1.31	30	
Trichloroethylene	51		"	50.0		103	84-123		0.195	30	
Trichlorofluoromethane	54		"	50.0		109	62-140		1.46	30	
Vinyl Chloride	57		"	50.0		114	52-130		1.46	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.7*		*"*	*50.0*		*99.4*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41617 - EPA 3550C											
Blank (BG41617-BLK1) Blank									Prepared & Analyzed: 07/25/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41617 - EPA 3550C											
Blank (BG41617-BLK1) Blank									Prepared & Analyzed: 07/25/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.65*		"	*1.66*		*99.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.53*		"	*1.66*		*92.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.901*		"	*0.831*		*108*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.760*		"	*0.831*		*91.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.60*		"	*1.66*		*96.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.770*		"	*0.831*		*92.7*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41617 - EPA 3550C											
LCS (BG41617-BS1) LCS							Prepared & Analyzed: 07/25/2024				
1,1-Biphenyl	0.648	0.0416	mg/kg wet	0.831		78.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.635	0.0830	"	0.831		76.4	21-131				
1,2,4-Trichlorobenzene	0.648	0.0416	"	0.831		78.0	10-140				
1,2-Dichlorobenzene	0.600	0.0416	"	0.831		72.2	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.614	0.0416	"	0.831		74.0	17-137				
1,3-Dichlorobenzene	0.609	0.0416	"	0.831		73.3	33-110				
1,4-Dichlorobenzene	0.614	0.0416	"	0.831		73.9	32-104				
2,3,4,6-Tetrachlorophenol	0.798	0.0830	"	0.831		96.1	30-130				
2,4,5-Trichlorophenol	0.663	0.0416	"	0.831		79.8	27-118				
2,4,6-Trichlorophenol	0.665	0.0416	"	0.831		80.0	31-120				
2,4-Dichlorophenol	0.698	0.0416	"	0.831		84.0	20-127				
2,4-Dimethylphenol	0.655	0.0416	"	0.831		78.8	14-132				
2,4-Dinitrophenol	1.08	0.0830	"	0.831		130	10-171				
2,4-Dinitrotoluene	0.790	0.0416	"	0.831		95.2	34-131				
2,6-Dinitrotoluene	0.761	0.0416	"	0.831		91.6	31-128				
2-Chloronaphthalene	0.625	0.0416	"	0.831		75.2	31-117				
2-Chlorophenol	0.662	0.0416	"	0.831		79.7	33-113				
2-Methylnaphthalene	0.632	0.0416	"	0.831		76.1	12-138				
2-Methylphenol	0.623	0.0416	"	0.831		75.0	10-136				
2-Nitroaniline	0.750	0.0830	"	0.831		90.2	27-132				
2-Nitrophenol	0.785	0.0416	"	0.831		94.5	17-129				
3- & 4-Methylphenols	0.535	0.0416	"	0.831		64.4	29-103				
3,3-Dichlorobenzidine	0.627	0.0416	"	0.831		75.5	22-149				
3-Nitroaniline	0.646	0.0830	"	0.831		77.8	20-133				
4,6-Dinitro-2-methylphenol	0.892	0.0830	"	0.831		107	10-143				
4-Bromophenyl phenyl ether	0.608	0.0416	"	0.831		73.2	29-120				
4-Chloro-3-methylphenol	0.699	0.0416	"	0.831		84.2	24-129				
4-Chloroaniline	0.543	0.0416	"	0.831		65.4	10-132				
4-Chlorophenyl phenyl ether	0.587	0.0416	"	0.831		70.6	27-124				
4-Nitroaniline	0.689	0.0830	"	0.831		82.9	16-128				
4-Nitrophenol	0.731	0.0830	"	0.831		88.0	10-141				
Acenaphthene	0.596	0.0416	"	0.831		71.8	30-121				
Acenaphthylene	0.599	0.0416	"	0.831		72.1	30-115				
Acetophenone	0.613	0.0416	"	0.831		73.8	20-112				
Aniline	0.518	0.166	"	0.831		62.4	10-119				
Anthracene	0.624	0.0416	"	0.831		75.1	34-118				
Atrazine	0.674	0.0416	"	0.831		81.2	26-112				
Benzaldehyde	0.541	0.0416	"	0.831		65.1	21-100				
Benzo(a)anthracene	0.630	0.0416	"	0.831		75.8	32-122				
Benzo(a)pyrene	0.629	0.0416	"	0.831		75.7	29-133				
Benzo(b)fluoranthene	0.655	0.0416	"	0.831		78.9	25-133				
Benzo(g,h,i)perylene	0.637	0.0416	"	0.831		76.7	10-143				
Benzo(k)fluoranthene	0.603	0.0416	"	0.831		72.6	25-128				
Benzoic acid	0.897	0.0416	"	0.831		108	10-140				
Benzyl alcohol	0.593	0.0416	"	0.831		71.4	30-115				
Benzyl butyl phthalate	0.668	0.0416	"	0.831		80.4	26-126				
Bis(2-chloroethoxy)methane	0.610	0.0416	"	0.831		73.4	19-132				
Bis(2-chloroethyl)ether	0.588	0.0416	"	0.831		70.8	19-125				
Bis(2-chloroisopropyl)ether	0.520	0.0416	"	0.831		62.6	20-135				
Bis(2-ethylhexyl)phthalate	0.690	0.0416	"	0.831		83.1	10-155				
Caprolactam	0.701	0.0830	"	0.831		84.4	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41617 - EPA 3550C											
LCS (BG41617-BS1) LCS							Prepared & Analyzed: 07/25/2024				
Carbazole	0.624	0.0416	mg/kg wet	0.831		75.1	35-123				
Chrysene	0.610	0.0416	"	0.831		73.4	32-123				
Dibenzo(a,h)anthracene	0.653	0.0416	"	0.831		78.6	10-136				
Dibenzofuran	0.608	0.0416	"	0.831		73.2	29-121				
Diethyl phthalate	0.623	0.0416	"	0.831		75.0	34-116				
Dimethyl phthalate	0.616	0.0416	"	0.831		74.2	35-124				
Di-n-butyl phthalate	0.665	0.0416	"	0.831		80.1	31-116				
Di-n-octyl phthalate	0.714	0.0416	"	0.831		85.9	26-136				
Diphenylamine	0.662	0.0830	"	0.831		79.7	40-140				
Fluoranthene	0.603	0.0416	"	0.831		72.6	33-122				
Fluorene	0.601	0.0416	"	0.831		72.3	29-123				
Hexachlorobenzene	0.670	0.0416	"	0.831		80.6	21-124				
Hexachlorobutadiene	0.622	0.0416	"	0.831		74.9	10-149				
Hexachlorocyclopentadiene	0.579	0.0416	"	0.831		69.7	10-129				
Hexachloroethane	0.612	0.0416	"	0.831		73.7	28-108				
Indeno(1,2,3-cd)pyrene	0.676	0.0416	"	0.831		81.4	10-135				
Isophorone	0.638	0.0416	"	0.831		76.8	20-132				
Naphthalene	0.651	0.0416	"	0.831		78.4	23-124				
Nitrobenzene	0.708	0.0416	"	0.831		85.2	13-132				
N-Nitrosodimethylamine	0.611	0.0416	"	0.831		73.6	11-129				
N-nitroso-di-n-propylamine	0.550	0.0416	"	0.831		66.2	24-119				
N-Nitrosodiphenylamine	0.628	0.0416	"	0.831		75.6	22-152				
Pentachlorophenol	0.726	0.0416	"	0.831		87.4	10-139				
Phenanthrene	0.615	0.0416	"	0.831		74.0	33-123				
Phenol	0.666	0.0416	"	0.831		80.2	23-115				
Pyrene	0.622	0.0416	"	0.831		74.9	32-130				
Surrogate: SURR: 2-Fluorophenol	*1.35*		"	*1.66*		*81.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.24*		"	*1.66*		*74.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.722*		"	*0.831*		*87.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.607*		"	*0.831*		*73.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.27*		"	*1.66*		*76.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.620*		"	*0.831*		*74.6*	*24-116*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41586 - EPA 1633 Prep											
Blank (BG41586-BLK1) Blank									Prepared: 07/24/2024 Analyzed: 07/29/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.994	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.97	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.65*		"	*2.32*		*114*	*25-150*				
Surrogate: M5PFHxA	*2.89*		"	*2.49*		*116*	*25-150*				
Surrogate: M4PFHpA	*2.92*		"	*2.49*		*118*	*25-150*				
Surrogate: M3PFHxS	*2.61*		"	*2.36*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.62*		"	*2.49*		*105*	*25-150*				
Surrogate: M6PFDA	*1.22*		"	*1.24*		*98.2*	*25-150*				
Surrogate: M7PFUdA	*1.40*		"	*1.24*		*112*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.47*		"	*1.24*		*118*	*25-150*				
Surrogate: M2PFTeDA	*1.31*		"	*1.24*		*106*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41586 - EPA 1633 Prep											
Blank (BG41586-BLK1) Blank								Prepared: 07/24/2024 Analyzed: 07/29/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.17*		*ug/kg wet*	*9.94*		*21.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.15*		*"*	*2.38*		*90.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.47*		*"*	*4.97*		*130*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.43*		*"*	*2.49*		*57.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.87*		*"*	*4.97*		*57.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.12*		*"*	*4.97*		*62.8*	*25-150*				
Surrogate: M2-6:2 FTS	*1.60*		*"*	*4.73*		*33.8*	*25-200*				
Surrogate: M2-8:2 FTS	*1.63*		*"*	*4.77*		*34.2*	*25-200*				
Surrogate: M9PFNA	*1.23*		*"*	*1.24*		*99.2*	*25-150*				
Surrogate: M2-4:2 FTS	*2.18*		*"*	*4.66*		*46.8*	*25-150*				
Surrogate: d-N-MeFOSA	*0.372*		*"*	*2.49*		*15.0*	*25-150*				
Surrogate: d-N-EtFOSA	*0.727*		*"*	*2.49*		*29.3*	*25-150*				
Surrogate: M3HFPO-DA	*4.10*		*"*	*9.94*		*41.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.7*		*"*	*24.9*		*55.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.2*		*"*	*24.9*		*57.3*	*25-150*				
LCS (BG41586-BS1) LCS								Prepared: 07/24/2024 Analyzed: 07/29/2024			
Perfluorobutanesulfonic acid (PFBS)	3.85	0.176	ug/kg wet	3.52		109	50-150				
Perfluorohexanoic acid (PFHxA)	3.77	0.199	"	3.98		94.8	50-150				
Perfluoroheptanoic acid (PFHpA)	3.98	0.199	"	3.98		100	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.61	0.182	"	3.64		99.3	50-150				
Perfluorooctanoic acid (PFOA)	3.42	0.199	"	3.98		85.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.75	0.185	"	3.70		102	50-150				
Perfluorononanoic acid (PFNA)	3.88	0.199	"	3.98		97.5	50-150				
Perfluorodecanoic acid (PFDA)	4.02	0.199	"	3.98		101	50-150				
Perfluoroundecanoic acid (PFUnA)	4.37	0.199	"	3.98		110	50-150				
Perfluorododecanoic acid (PFDoA)	3.84	0.199	"	3.98		96.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.72	0.199	"	3.98		93.7	50-150				
Perfluorotetradecanoic acid (PFTA)	3.54	0.199	"	3.98		88.9	50-150				
N-MeFOSAA	4.46	0.199	"	3.98		112	50-150				
N-EtFOSAA	3.97	0.199	"	3.98		99.9	50-150				
Perfluoropentanoic acid (PFPeA)	7.82	0.398	"	7.95		98.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.23	0.199	"	3.98		106	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.84	0.199	"	3.80		101	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.39	0.192	"	3.84		88.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.4	0.755	"	15.1		95.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.3	0.763	"	15.3		93.5	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.6	0.795	"	15.9		97.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.05	0.354	"	7.08		114	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.14	0.398	"	7.95		77.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	3.10	0.398	"	7.95		39.0	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	7.71	0.398	"	7.95		97.0	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.19	0.187	"	3.74		112	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.0	0.746	"	14.9		101	50-150				
HFPO-DA (Gen-X)	11.7	0.795	"	7.95		147	50-150				
11CL-PF3OUdS	19.3	0.751	"	7.51		257	50-150	High Bias			
9CL-PF3ONS	24.0	0.744	"	7.44		323	50-150	High Bias			
ADONA	24.3	0.751	"	7.51		324	50-150	High Bias			

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41586 - EPA 1633 Prep											
LCS (BG41586-BS1) LCS								Prepared: 07/24/2024 Analyzed: 07/29/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.65	0.193	ug/kg wet	3.86		68.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.88	0.191	"	3.82		102	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	2.81	0.994	"	15.9		17.7	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	34.4	4.97	"	79.5		43.2	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	35.7	4.97	"	79.5		44.9	50-150	Low Bias			
N-MeFOSE	42.8	1.99	"	39.8		108	50-150				
N-MeFOSA	3.88	0.199	"	3.98		97.5	50-150				
N-EtFOSE	37.9	1.99	"	39.8		95.3	50-150				
N-EtFOSA	2.80	0.199	"	3.98		70.4	50-150				
Surrogate: M3PFBS	*2.42*		"	*2.32*		*105*	*25-150*				
Surrogate: M5PFHxA	*3.02*		"	*2.49*		*121*	*25-150*				
Surrogate: M4PFHpA	*2.91*		"	*2.49*		*117*	*25-150*				
Surrogate: M3PFHxS	*2.55*		"	*2.36*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.04*		"	*2.49*		*122*	*25-150*				
Surrogate: M6PFDA	*1.11*		"	*1.24*		*89.2*	*25-150*				
Surrogate: M7PFUdA	*1.24*		"	*1.24*		*99.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.16*		"	*1.24*		*93.2*	*25-150*				
Surrogate: M2PFTeDA	*1.19*		"	*1.24*		*95.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.45*		"	*9.94*		*14.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.12*		"	*2.38*		*89.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.61*		"	*4.97*		*133*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.42*		"	*2.49*		*57.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.71*		"	*4.97*		*54.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.16*		"	*4.97*		*63.6*	*25-150*				
Surrogate: M2-6:2 FTS	*1.83*		"	*4.73*		*38.6*	*25-200*				
Surrogate: M2-8:2 FTS	*1.85*		"	*4.77*		*38.8*	*25-200*				
Surrogate: M9PFNA	*1.25*		"	*1.24*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*2.38*		"	*4.66*		*51.0*	*25-150*				
Surrogate: d-N-MeFOSA	*0.492*		"	*2.49*		*19.8*	*25-150*				
Surrogate: d-N-EtFOSA	*0.766*		"	*2.49*		*30.8*	*25-150*				
Surrogate: M3HFPO-DA	*3.76*		"	*9.94*		*37.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.9*		"	*24.9*		*52.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.5*		"	*24.9*		*54.5*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41586 - EPA 1633 Prep											
LCS (BG41586-BS2) LCS								Prepared: 07/24/2024 Analyzed: 07/30/2024			
Perfluorobutanesulfonic acid (PFBS)	0.692	0.176	ug/kg wet	0.705		98.1	50-150				
Perfluorohexanoic acid (PFHxA)	0.689	0.199	"	0.797		86.5	50-150				
Perfluoroheptanoic acid (PFHpA)	0.792	0.199	"	0.797		99.3	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.722	0.182	"	0.729		99.1	50-150				
Perfluorooctanoic acid (PFOA)	0.616	0.199	"	0.797		77.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.814	0.185	"	0.741		110	50-150				
Perfluorononanoic acid (PFNA)	0.757	0.199	"	0.797		95.0	50-150				
Perfluorodecanoic acid (PFDA)	0.821	0.199	"	0.797		103	50-150				
Perfluoroundecanoic acid (PFUnA)	0.765	0.199	"	0.797		96.0	50-150				
Perfluorododecanoic acid (PFDoA)	0.696	0.199	"	0.797		87.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.798	0.199	"	0.797		100	50-150				
Perfluorotetradecanoic acid (PFTA)	0.590	0.199	"	0.797		74.0	50-150				
N-MeFOSAA	0.826	0.199	"	0.797		104	50-150				
N-EtFOSAA	0.596	0.199	"	0.797		74.8	50-150				
Perfluoropentanoic acid (PFPeA)	1.49	0.398	"	1.59		93.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.827	0.199	"	0.797		104	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.814	0.199	"	0.761		107	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.604	0.192	"	0.769		78.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.69	0.757	"	3.03		89.0	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.19	0.765	"	3.06		104	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.09	0.797	"	3.19		96.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.59	0.355	"	1.42		112	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.08	0.398	"	1.59		67.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.10	0.398	"	1.59		68.9	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.45	0.398	"	1.59		90.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.815	0.187	"	0.749		109	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.68	0.747	"	2.99		89.8	50-150				
HFPO-DA (Gen-X)	0.739	0.797	"	1.59		46.4	50-150	Low Bias			
11CL-PF3OUdS	0.892	0.753	"	1.51		59.2	50-150				
9CL-PF3ONS	0.984	0.745	"	1.49		66.0	50-150				
ADONA	1.27	0.753	"	1.51		84.2	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.398	0.193	"	0.773		51.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.663	0.191	"	0.765		86.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	2.78	0.996	"	3.19		87.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	13.9	4.98	"	15.9		87.5	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	10.2	4.98	"	15.9		63.9	50-150				
N-MeFOSE	7.87	1.99	"	7.97		98.7	50-150				
N-MeFOSA	0.883	0.199	"	0.797		111	50-150				
N-EtFOSE	7.70	1.99	"	7.97		96.6	50-150				
N-EtFOSA	1.29	0.199	"	0.797		162	50-150	High Bias			
Surrogate: M3PFBS	*3.06*		"	*2.32*		*132*	*25-150*				
Surrogate: M5PFHxA	*3.18*		"	*2.49*		*128*	*25-150*				
Surrogate: M4PFHpA	*2.96*		"	*2.49*		*119*	*25-150*				
Surrogate: M3PFHxS	*2.71*		"	*2.36*		*115*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.22*		"	*2.49*		*129*	*25-150*				
Surrogate: M6PFDA	*1.09*		"	*1.25*		*87.9*	*25-150*				
Surrogate: M7PFUdA	*1.31*		"	*1.25*		*105*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.02*		"	*1.25*		*82.3*	*25-150*				
Surrogate: M2PFTeDA	*0.804*		"	*1.25*		*64.6*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41586 - EPA 1633 Prep											
LCS (BG41586-BS2) LCS									Prepared: 07/24/2024 Analyzed: 07/30/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*7.20*		*ug/kg wet*	*9.96*		*72.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.36*		*"*	*2.39*		*98.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.05*		*"*	*4.98*		*121*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.17*		*"*	*2.49*		*87.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.92*		*"*	*4.98*		*78.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.78*		*"*	*4.98*		*96.1*	*25-150*				
Surrogate: M2-6:2 FTS	*7.32*		*"*	*4.74*		*155*	*25-200*				
Surrogate: M2-8:2 FTS	*5.46*		*"*	*4.78*		*114*	*25-200*				
Surrogate: M9PFNA	*1.31*		*"*	*1.25*		*106*	*25-150*				
Surrogate: M2-4:2 FTS	*11.1*		*"*	*4.67*		*237*	*25-150*				
Surrogate: d-N-MeFOSA	*1.53*		*"*	*2.49*		*61.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.01*		*"*	*2.49*		*40.6*	*25-150*				
Surrogate: M3HFPO-DA	*14.3*		*"*	*9.96*		*144*	*25-150*				
Surrogate: d9-N-EtFOSE	*17.9*		*"*	*24.9*		*72.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.3*		*"*	*24.9*		*81.6*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41613 - EPA 3550C											
Blank (BG41613-BLK1) Blank								Prepared & Analyzed: 07/25/2024			
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0332*		*"*	*0.0664*		*50.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0416*		*"*	*0.0664*		*62.6*	*30-150*				
LCS (BG41613-BS1) LCS								Prepared & Analyzed: 07/25/2024			
4,4'-DDD	0.0381	0.00164	mg/kg wet	0.0332		115	40-140				
4,4'-DDE	0.0387	0.00164	"	0.0332		116	40-140				
4,4'-DDT	0.0414	0.00164	"	0.0332		125	40-140				
Aldrin	0.0352	0.00164	"	0.0332		106	40-140				
alpha-BHC	0.0389	0.00164	"	0.0332		117	40-140				
alpha-Chlordane	0.0329	0.00164	"	0.0332		99.0	40-140				
beta-BHC	0.0394	0.00164	"	0.0332		119	40-140				
delta-BHC	0.0414	0.00164	"	0.0332		125	40-140				
Dieldrin	0.0388	0.00164	"	0.0332		117	40-140				
Endosulfan I	0.0391	0.00164	"	0.0332		118	40-140				
Endosulfan II	0.0402	0.00164	"	0.0332		121	40-140				
Endosulfan sulfate	0.0389	0.00164	"	0.0332		117	40-140				
Endrin	0.0405	0.00164	"	0.0332		122	40-140				
Endrin aldehyde	0.0339	0.00164	"	0.0332		102	40-140				
Endrin ketone	0.0394	0.00164	"	0.0332		119	40-140				
gamma-BHC (Lindane)	0.0393	0.00164	"	0.0332		118	40-140				
gamma-Chlordane	0.0342	0.00164	"	0.0332		103	40-140				
Heptachlor	0.0410	0.00164	"	0.0332		123	40-140				
Heptachlor epoxide	0.0394	0.00164	"	0.0332		118	40-140				
Methoxychlor	0.0430	0.00164	"	0.0332		129	40-140				
Surrogate: Decachlorobiphenyl	*0.0447*		*"*	*0.0664*		*67.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0648*		*"*	*0.0664*		*97.6*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41613 - EPA 3550C											
Blank (BG41613-BLK2) Blank								Prepared & Analyzed: 07/25/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0492*		*"*	*0.0664*		*74.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0302*		*"*	*0.0664*		*45.5*	*30-140*				
LCS (BG41613-BS2) LCS								Prepared & Analyzed: 07/25/2024			
Aroclor 1016	0.270	0.0166	mg/kg wet	0.332		81.3	40-130				
Aroclor 1260	0.286	0.0166	"	0.332		86.1	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0578*		*"*	*0.0664*		*87.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0355*		*"*	*0.0664*		*53.5*	*30-140*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41774 - EPA 3050B											
Blank (BG41774-BLK1) Blank									Prepared: 07/27/2024 Analyzed: 07/30/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BG41774-SRM1) Reference									Prepared: 07/27/2024 Analyzed: 07/30/2024		
Aluminum	6470	4.17	mg/kg wet	7680		84.2	46.7-129.9				
Antimony	59.5	2.08	"	257		23.1	1-100				
Arsenic	315	1.25	"	360		87.6	70.6-102.2				
Barium	312	2.08	"	332		94.1	75-108.1				
Beryllium	158	0.042	"	183		86.6	76.5-108.2				
Cadmium	200	0.250	"	238		83.9	73.5-105				
Calcium	4700	4.17	"	5490		85.6	77.2-110.9				
Chromium	169	0.417	"	199		85.1	73.4-107				
Cobalt	79.3	0.333	"	88.7		89.4	76.6-107.6				
Copper	225	1.67	"	227		99.1	74.9-105.7				
Iron	6550	20.8	"	7360		89.1	51.1-125.8				
Lead	92.3	0.417	"	100		92.3	75.9-110				
Magnesium	1670	4.17	"	1900		87.8	67.4-111.1				
Manganese	511	0.417	"	591		86.4	72.6-107.1				
Nickel	304	0.830	"	342		88.9	75.4-107.6				
Potassium	1330	4.17	"	1500		88.8	66.1-116.7				
Selenium	159	2.08	"	170		93.6	78.2-115.9				
Silver	42.9	0.420	"	88.6		48.4	73.9-112	Low Bias			
Sodium	570	41.7	"	527		108	68.5-115.9				
Thallium	197	2.08	"	226		87.1	73.5-108.4				
Vanadium	96.8	0.830	"	118		82.0	68.1-106.8				
Zinc	156	2.08	"	183		85.5	72.7-109.3				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41838 - EPA 3050B											
Blank (BG41838-BLK1) Blank									Prepared: 07/29/2024 Analyzed: 07/30/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BG41838-SRM1) Reference									Prepared: 07/29/2024 Analyzed: 07/30/2024		
Aluminum	6400	4.17	mg/kg wet	7680		83.4	46.7-129.9				
Antimony	65.5	2.08	"	257		25.5	1-100				
Arsenic	301	1.25	"	360		83.6	70.6-102.2				
Barium	306	2.08	"	332		92.2	75-108.1				
Beryllium	152	0.042	"	183		82.8	76.5-108.2				
Cadmium	193	0.250	"	238		81.2	73.5-105				
Calcium	4460	4.17	"	5490		81.2	77.2-110.9				
Chromium	163	0.417	"	199		82.0	73.4-107				
Cobalt	75.9	0.333	"	88.7		85.6	76.6-107.6				
Copper	219	1.67	"	227		96.5	74.9-105.7				
Iron	6240	20.8	"	7360		84.8	51.1-125.8				
Lead	91.1	0.417	"	100		91.1	75.9-110				
Magnesium	1600	4.17	"	1900		84.1	67.4-111.1				
Manganese	535	0.417	"	591		90.6	72.6-107.1				
Nickel	292	0.830	"	342		85.4	75.4-107.6				
Potassium	1330	4.17	"	1500		89.0	66.1-116.7				
Selenium	152	2.08	"	170		89.2	78.2-115.9				
Silver	71.0	0.420	"	88.6		80.1	73.9-112				
Sodium	530	41.7	"	527		100	68.5-115.9				
Thallium	193	2.08	"	226		85.5	73.5-108.4				
Vanadium	95.3	0.830	"	118		80.7	68.1-106.8				
Zinc	150	2.08	"	183		81.7	72.7-109.3				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41653 - EPA 7473 soil											
Blank (BG41653-BLK1) Blank									Prepared: 07/25/2024 Analyzed: 07/26/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BG41653-SRM1) Reference									Prepared: 07/25/2024 Analyzed: 07/26/2024		
Mercury	16.954		mg/kg	18.2		93.2	59.9-140.1				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24G1585-01	Grab09_072424	40mL Vial with Stir Bar-Cool 4° C
24G1585-02	Grab10_072424	40mL Vial with Stir Bar-Cool 4° C
24G1585-03	Grab11_072424	40mL Vial with Stir Bar-Cool 4° C
24G1585-04	Grab12_072424	40mL Vial with Stir Bar-Cool 4° C
24G1585-05	Grab13_072424	40mL Vial with Stir Bar-Cool 4° C
24G1585-06	Grab14_072424	40mL Vial with Stir Bar-Cool 4° C
24G1585-07	Grab15_072424	40mL Vial with Stir Bar-Cool 4° C
24G1585-08	Grab16_072424	40mL Vial with Stir Bar-Cool 4° C
24G1585-09	Grab17_072424	40mL Vial with Stir Bar-Cool 4° C
24G1585-10	Grab18_072424	40mL Vial with Stir Bar-Cool 4° C
24G1585-11	Grab19_072424	40mL Vial with Stir Bar-Cool 4° C
24G1585-12	Grab20_072424	40mL Vial with Stir Bar-Cool 4° C
24G1585-13	Grab21_072424	40mL Vial with Stir Bar-Cool 4° C
24G1585-14	Grab22_072424	40mL Vial with Stir Bar-Cool 4° C
24G1585-15	Grab08_072424	40mL Vial with Stir Bar-Cool 4° C
24G1585-22	TB_072424	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24G1585

Page 1 of 2

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 kimball Drive Parsippany NJ 07054	Address: SAME
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: lkott@langan.com	E-mail:

YOUR Project Name / Number: 12096 Flatlands

PO Number: 10688807

Samples Collected From: NY / NJ / CT / PA / Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day X; RUSH - Five Day; Standard (6-9 Day); PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	VOCs	Grab or Comp. G/C
Grab 09-072424	7/24	1030	SO	1		1							2	X	G
Grab 10-072424		1115		1		1							2	X	G
Grab 11-072424		1130		1		1							2	X	G
Grab 12-072424		1143		1		1							2	X	G
Grab 13-072424		1145		1		1							2	X	G
Grab 14-072424		1147		1		1							2	X	G
Grab 15-072424		1151		1		1							2	X	G
Grab 16-072424		1155		1		1							2	X	G
Grab 17-072424		1158		1		1							2	X	G
Grab 18-072424		1204		1		1							2	X	G
Grab 19-072424		1210		1		1							2	X	G
Grab 20-072424		1214		1		1							2	X	G
Grab 21-072424		1217		1		1							2	X	G
Grab 22-072424		1220		1		1							2	X	G
Grab 08-072424		1030		1		1							2	X	G

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day X; RUSH - Five Day; Standard (6-9 Day); PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered; Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Rob Bandstra / Langan	7/24/24 14:00		7/24/24 1400		
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	7/24/24 1440		16:10	7/24/24 16:10	69
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
	7/24/24 1800	Ramon Duran	7/24/24 1800	7/24/24	20:05 2.4 Degrees C

Ref.: Ramon Duran 7/24/24 2005

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24G1585-

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Ave Parsippany NJ 07054	Address: SAME
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kolt	Contact:
E-mail: lkolt@langan.com	E-mail:

YOUR Project Name / Number: 12096 Flatlands

PO Number: 10688802

Samples Collected From: NY [ ] NJ [X] CT [ ] PA [ ] Other: (please specify)

Turn-Around Time
- [ ] RUSH - Next Day
- [ ] RUSH - Two Day
- [ ] RUSH - Three Day
- [X] RUSH - Four Day
- [ ] RUSH - Five Day
- [ ] Standard (6-9 Day)
- [ ] PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Rob Bandish

Samples Collected by: (print AND sign your name)

Matrix Codes
S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil | Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	8 SVOC, PCBs Pest, TAL metals, PFAS, Methyl 1633	VOC	Grab or Comp. G/C
Comp 03-072424	7/24	1125	SO	2										X	X	C
Comp 04-072424		1141		2										Y		C
Comp 05-072424		1150		2										X		C
Comp 06-072424		1200		2										XXX		C
Comp 07-072424		1212		2												C
Comp 08-072424		1220		2												C
TB-072424			AQ		2										X	

Report Type (circle)
- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)
- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)

- Field Filtered
- Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / (N) Containers Intact: (Y) / N COC/Labels Agree: (Y) / N Preservation Confirmed: (Y) / N
COC Complete: (Y) / N COC Received: (Y) / N Appropriate Sample Volumes: (Y) / N Appropriate Sample Containers: (Y) / N
Cooler Temperature Confirmed: (Y) / N Samples Submitted within Holding Times: (Y) / N Corrective Action Form Required: Y / (N)

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Rob Bandish / Langan	7/24/24 1400		7/24/24 1400		
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	7/24/24 1400		16:10	7/24/24 16:10	6.9
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
	7/24/24 1800	Rel: Lauren Dwyer	7/24/24 2005		7/24/24 20:05 2.9 Degrees C

Lauren Kott

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Wednesday, August 21, 2024 10:02 AM
To: Lauren Kott
Cc: Amanda Forsburg
Subject: [External] RE: 12096 Flatlands Avenue (BCP Site No. C224290) - Request to Import Form - EROC 250 CY Sand

Good Morning,

The Department has reviewed the import request of 300 cubic yards of sand from Evergreen Recycling of Corona, Flushing NY, Solid Waste Management Facility #41W93 dated 8/16/24. Based on the information provided, the request is hereby approved.

The proposed fill material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in section 5.4(e)5 of DER-10. Therefore, this material may be used as the permanent base for staging the detention tanks.

Testing in accordance with DER-10 and the Remedial Design Work Plan and approval by the Department is required for any additional material imported from this source. Please ensure any material stockpiled on site is secured and covered.

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov | | |

From: Lauren Kott <lkott@langan.com>
Sent: Thursday, August 15, 2024 12:53 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Cc: aforsburg@langan.com
Subject: 12096 Flatlands Avenue (BCP Site No. C224290) - Request to Import Form - EROC 250 CY Sand

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Steven,

Please see the attached Request to Import form for 250 cubic yards of sand to be imported from EROC of Flushing, NY to be used as the permanent base for staging the detention tanks. The current facility registration, a facility materials letter, a sample location plan, and laboratory analytical data are included with the submittal.

Can you please review and let us know if this is approved?

Lauren Kott, PE
Project Engineer

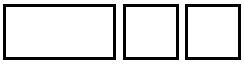
LANGAN

Direct: 973.560.4807
Mobile: 908.752.1870
File Sharing Link

Phone: 973.560.4900 Fax: 973.560.4901
300 Kimball Drive
4th Floor
Parsippany, NJ 07054-2172
www.langan.com

NEW JERSEY NEW YORK CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC
OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA





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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Unrestricted

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 200-300

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Material consists of approximately 250 cubic yards of sand for use as the permanent base for staging the detention tanks.

Two composite samples (Comp02 and Comp03) and 5 grab samples (Grab03, Grab04, Grab05, Grab17, and Grab18) were collected on 8 August 2024 from an approximately 500 cubic yard stockpile. The composite samples were analyzed for SVOCs, pesticides, PCBs, metals, and PFAS and the discrete samples were analyzed for VOCs only.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Analytical results are attached. The composite sample from the western half of the stockpile (Comp02) revealed concentrations of pesticides above the Unrestricted Use SCOs. As such, the western half of the stockpile (associated with samples Comp02, Grab03, and Grab04) is excluded from this request to import. No exceedances of the Unrestricted Use SCOs were identified in samples collected from the eastern half of the stockpile (Comp03, Grab05, Grab17 and Grab18).

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

United Concrete LLC - Foundation Contractor

Location where fill was obtained:

EROC, 12708 Willets Point Blvd, Flushing, NY 11368

Identification of any state or local approvals as a fill source:

Solid Waste Management Facility #41W93

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Facility letter, solid waste management facility registration, sampling plan, and laboratory analytical results provided

The information provided on this form is accurate and complete.



Signature

8/15/2024

Date

Lauren Kott

Print Name

Langan Engineering

Firm

47-14-0220 (01/94)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE

REGISTRATION FORM FOR A SOLID WASTE MANAGEMENT FACILITY

Please read and follow all instructions before completing this registration form

Please Type or Print clearly THIS IS NOT A LIPA PERMIT

DEPARTMENT USE ONLY	
DEC REGISTRATION #	4 1 W 9 3
DEC ADMINISTRATION #	
DATE RECEIVED	9/10/98

1. FACILITY NAME AND LOCATION
EVERGREEN RECYCLING OF CORONA
Street: WILLETS POINT BLVD.
City/Village: CORONA MEADOWS YARD
Town: CORONA County: QUEENS
Telephone Number: (718) 446-7000

2. FACILITY OWNER'S NAME
TULLY ENVIRONMENTAL, INC.
Mailing Address: 127-50 NORTHERN BLVD.
City/Town/Village: FLUSHING
State/Zip Code: NEW YORK, 11368
Telephone Number: (718) 446-7000 ex ~~248~~ 297

3. FACILITY OPERATOR'S NAME (if different)
TULLY ENVIRONMENTAL, INC.
Mailing Address: 127-50 NORTHERN BLVD.
City/Town/Village: FLUSHING
State/Zip Code: NEW YORK 11368
Telephone Number: (718) 446-7000 ex 248

4. SITE OWNER'S NAME (if different)
METROPOLITAN TRANSPORATION AUTHORITY
Mailing Address: ~~347 MADISON AVENUE~~
City/Town/Village: NEW YORK
State/Zip Code: NEW YORK 10017-3739
Telephone Number: (212) 878-7048

5. TYPE OF FACILITY REGISTRATION (check all applicable boxes)

- ☐ Energy Recovery Incinerators or Pyrolysis Units [360-5.1(c)]
- ☐ Land Application and Sludge Storage Facilities [360-4.1(c)]
- ☐ Composting and Other Distribution and Marketing Facilities [360-5.3(b)]
- ☐ Land Clearing Debris Landfills three acres or less [360-7.2(a)]
- ☐ Transfer Stations (municipally owned/operated/contracted) receiving less than 50 000 cubic yards or 12,500 tons of household solid waste annually [360-11.1(b)(1)]
- ☐ Transfer Stations (municipally owned/operated/contracted) receiving less than 50 000 cubic yards or 12,500 tons of containerized solid waste annually [360-11.1(b)(2)]
- ☐ Source Separated, Nonputrescible Solid Waste Recyclables Handling and Recovery Facilities [360-12.1(d)]
- ☐ Waste Tire Retreaders [360-13.1(d)(1)(i)]
- ☐ Waste Tires Stored for On-site Energy Recovery [360-13.1(d)(1)(ii)]
- ☐ Tire Dealers Selling Waste Tires [360-13.1(d)(1)(iii)]
- ☐ Tire Manufacturing Facilities [360-13.1(d)(1)(iv)]
- ☒ Processing Facilities Receiving Only Recognizable Uncontaminated Concrete, Asphalt Pavement, Brick, Soil or Rock [360-16.1(d)(1)(i)]
- ☐ Uncontaminated Unadulterated Wood Processing Facilities [360-16.1(d)(1)(ii)]
- ☐ Other Facilities not specifically described above, Specify Type

6. SOLID WASTE HANDLED
a. List wastes and/or materials to be accepted: Concrete, Fill, Virgin Sand, Gravel, Asphalt
b. Quantity (Specify Units - see instructions)
design capacity: 10,000 yards
storage on site: 50,000 yards

7. OPERATIONS SCHEDULE - Normal schedule of operation
Mon-Fri 7am-6pm

8. NAME(S) OF ALL MUNICIPALITIES SERVED

9. CERTIFICATION:
I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits was prepared by me or under my supervision and direction and is true to the best of my knowledge and belief, and that I have the authority as President (title) of Tully Environmental (entity) to sign this registration form pursuant to 6 NYCRR Part 360. By signing this registration form, I affirm that I have read the applicable regulations and will abide by all conditions of the registration requirements. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Printed/Typed Name	Signature	Mo.	Day	Year
Peter K. Tully		09	08	98

REGIONAL OFFICE COPY - COPY #1

Evergreen Recycling Of Corona

127-50 Northern Blvd.Flushing, N.Y. 11368
718-205-8038 Fax 718-205-8202
Yard: 35th ave & Willets Point Blvd.

August 14, 2024

Aldo Malmo
United Concrete, LLC
213 20th street, Suite 1B
Brooklyn, NY 11232

Dear Aldo,

Evergreen Recycling of Corona a New York State Department of Environmental Conservation registration #41W93 is to supply Sand Bedding to 12096 Flatland Ave, Brooklyn, NY. The material complies with the requirements of 6 NYCRR part 360. The material was not sourced from or stored at any environmentally impacted/contaminated properties. The material is virgin and has not been comingled and is in its own bin.

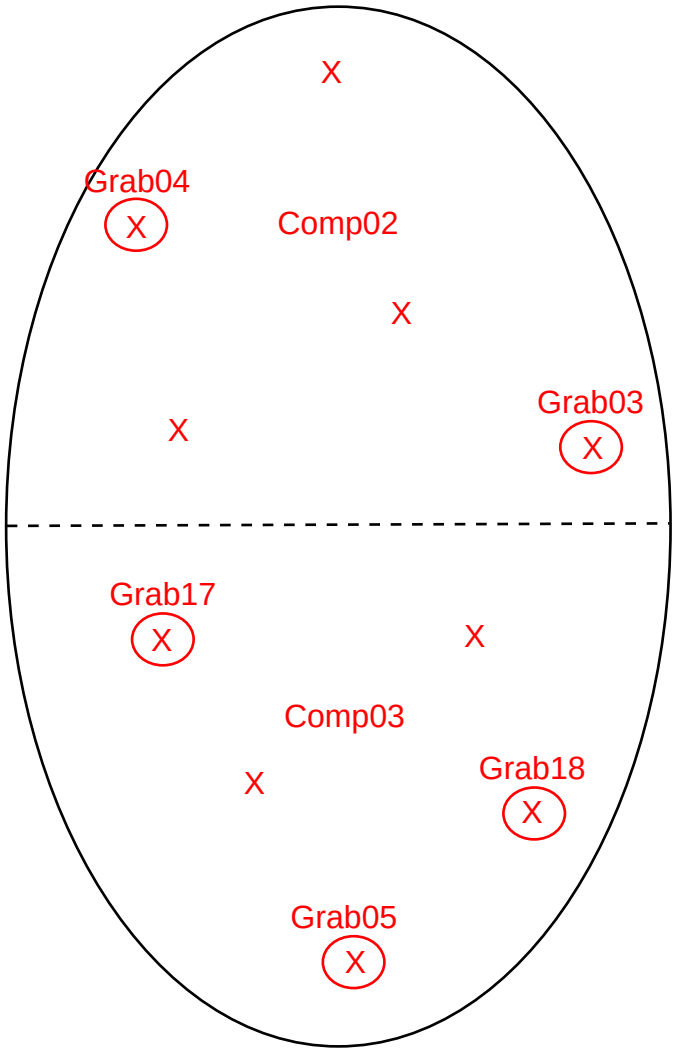
If there are any questions, please feel free to contact me at any time.

Sincerely,

David Cinquemani
General Manager

500 CY Stockpile Sampling Location Plan

Facility: EROC, 12708 Willets Point Blvd,
Flushing, NY 11368



Legend

- Approximate 500 CY Stockpile
- Approximate Composite Sample Division Line
- X — Grab Sample Location for the Composite Samples
- Discrete VOC Sample Location for the Grab Samples

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 08/13/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H0599

Report Date: 08/13/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H0599

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 08, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H0599-01	Comp 02	Soil	08/08/2024	08/08/2024
24H0599-02	Grab 03	Soil	08/08/2024	08/08/2024
24H0599-03	Grab 04	Soil	08/08/2024	08/08/2024
24H0599-04	Comp 03	Soil	08/08/2024	08/08/2024
24H0599-05	Grab 05	Soil	08/08/2024	08/08/2024
24H0599-06	Grab 17	Soil	08/08/2024	08/08/2024
24H0599-07	Grab 18	Soil	08/08/2024	08/08/2024

General Notes for York Project (SDG) No.: 24H0599

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 08/13/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: Comp 02 **York Sample ID:** 24H0599-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:15 pm	08/08/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0910	0.182	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp 02 **York Sample ID:** 24H0599-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:15 pm	08/08/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0910	0.182	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0910	0.182	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.182	0.364	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.364	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.0531**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0545**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp 02 **York Sample ID:** 24H0599-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:15 pm	08/08/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0458**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.0938**		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp 02 **York Sample ID:** 24H0599-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:15 pm	08/08/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0574**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0844**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.8 %*	*24-116*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.194	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0580	0.219	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **Comp 02** **York Sample ID:** **24H0599-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:15 pm	08/08/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.219	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.200	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.188	0.219	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.238**		ug/kg dry	0.183	0.203	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.207	0.219	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.209	0.219	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.219	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.219	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.219	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.219	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.212	0.219	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.437	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.219	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.170	0.219	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.651	0.831	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.826	0.840	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.875	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.389	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.211	0.437	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 01:57	AM
								Certifications: NELAC-NH2097			

Sample Information

Client Sample ID: Comp 02 **York Sample ID:** 24H0599-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:15 pm	08/08/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0678	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 01:57	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 01:57	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/10/2024 09:30	08/13/2024 01:57	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.651	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/10/2024 09:30	08/13/2024 01:57	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.665	0.875	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/10/2024 09:30	08/13/2024 01:57	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.340	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/10/2024 09:30	08/13/2024 01:57	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.269	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/10/2024 09:30	08/13/2024 01:57	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/10/2024 09:30	08/13/2024 01:57	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.185	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 01:57	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/10/2024 09:30	08/13/2024 01:57	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.693	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 01:57	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.29	5.47	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 01:57	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.64	5.47	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 01:57	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.668	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 01:57	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 01:57	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.762	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 01:57	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 01:57	AM

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*151 %*	PFSu-H	*25-150*
Surrogate: M5PFHxA	*128 %*		*25-150*
Surrogate: M4PFHpA	*167 %*	PFSu-H	*25-150*
Surrogate: M3PFHxS	*137 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*129 %*		*25-150*
Surrogate: M6PFDA	*133 %*		*25-150*
Surrogate: M7PFUdA	*138 %*		*25-150*

Sample Information

Client Sample ID: Comp 02 **York Sample ID:** 24H0599-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:15 pm	08/08/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*107 %*			*25-150*						
	Surrogate: M2PFTeDA	*72.0 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*90.5 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*110 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*122 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*204 %*	PFSu-H		*10-150*						
	Surrogate: d3-N-MeFOSAA	*214 %*	PFSu-H		*25-150*						
	Surrogate: d5-N-EtFOSAA	*273 %*	PFSu-H		*25-150*						
	Surrogate: M2-6:2 FTS	*244 %*	PFSu-H		*25-200*						
	Surrogate: M2-8:2 FTS	*269 %*	PFSu-H		*25-200*						
	Surrogate: M9PFNA	*131 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*203 %*	PFSu-H		*25-150*						
	Surrogate: d-N-MeFOSA	*158 %*	PFSu-H		*25-150*						
	Surrogate: d-N-EtFOSA	*128 %*			*25-150*						
	Surrogate: M3HFPO-DA	*206 %*	PFSu-H		*25-150*						
	Surrogate: d9-N-EtFOSE	*61.3 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*64.5 %*			*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	**Aldrin**	**0.00538**		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	**alpha-Chlordane**	**0.0100**		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	**Chlordane, total**	**0.0809**		mg/kg dry	0.0353	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	**Dieldrin**	**0.0116**		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp 02 **York Sample ID:** 24H0599-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:15 pm	08/08/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	**gamma-Chlordane**	**0.0110**		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B	08/09/2024 08:47	08/09/2024 19:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	08/09/2024 08:47	08/09/2024 23:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	08/09/2024 08:47	08/09/2024 23:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	08/09/2024 08:47	08/09/2024 23:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	08/09/2024 08:47	08/09/2024 23:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	08/09/2024 08:47	08/09/2024 23:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp 02 **York Sample ID:** 24H0599-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:15 pm	08/08/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	08/09/2024 08:47	08/09/2024 23:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	08/09/2024 08:47	08/09/2024 23:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	08/09/2024 08:47	08/09/2024 23:56	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7940**		mg/kg dry	4.57	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.29	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.69**		mg/kg dry	1.37	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**42.2**		mg/kg dry	2.28	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.247**		mg/kg dry	0.046	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.275	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3500**		mg/kg dry	4.58	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.1**		mg/kg dry	0.458	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**8.15**		mg/kg dry	0.366	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**17.4**		mg/kg dry	1.83	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**12300**		mg/kg dry	22.9	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**25.1**		mg/kg dry	0.458	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2730**		mg/kg dry	4.58	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**333**		mg/kg dry	0.458	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp 02 **York Sample ID:** 24H0599-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:15 pm	08/08/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**19.2**		mg/kg dry	0.911	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**954**		mg/kg dry	4.58	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.461	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**136**		mg/kg dry	45.8	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.29	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.1**		mg/kg dry	0.911	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**44.2**		mg/kg dry	2.28	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0531**		mg/kg dry	0.0329	1	EPA 7473	08/10/2024 08:25	08/12/2024 10:31	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.1**		%	0.100	1	SM 2540G	08/09/2024 12:25	08/09/2024 14:59	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab 03 **York Sample ID:** 24H0599-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:05 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab 03 **York Sample ID:** 24H0599-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:05 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab 03 **York Sample ID:** 24H0599-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:05 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab 03 **York Sample ID:** 24H0599-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:05 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.9**		%	0.100	1	SM 2540G	08/13/2024 18:48	08/13/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab 04 **York Sample ID:** 24H0599-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:10 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab 04 **York Sample ID:** 24H0599-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:10 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0059	0.012	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab 04 **York Sample ID:** 24H0599-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:10 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab 04 **York Sample ID:** 24H0599-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:10 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0089	0.018	1	EPA 8260D	08/09/2024 10:57	08/09/2024 15:53	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.2**		%	0.100	1	SM 2540G	08/13/2024 18:48	08/13/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **Comp 03** **York Sample ID:** **24H0599-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:30 pm	08/08/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0902	0.180	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0902	0.180	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0902	0.180	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	**2-Methylnaphthalene**	**0.0800**	J	mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0902	0.180	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp 03 **York Sample ID:** 24H0599-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:30 pm	08/08/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0902	0.180	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0902	0.180	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0902	0.180	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0902	0.180	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.153**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.0577**	J	mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.410**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.624**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.472**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.556**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.253**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp 03 **York Sample ID:** 24H0599-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:30 pm	08/08/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	**Benzo(k)fluoranthene**	**0.217**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0902	0.180	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.173**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.556**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0656**	J	mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	**Dibenzofuran**	**0.125**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0902	0.180	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:			
206-44-0	**Fluoranthene**	**1.39**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.172**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp 03 **York Sample ID:** 24H0599-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:30 pm	08/08/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.309**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0865**	J	mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**1.80**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**1.28**		mg/kg dry	0.0452	0.0902	2	EPA 8270E	08/09/2024 08:51	08/12/2024 18:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*66.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*63.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*95.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.8 %*	*24-116*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.120	0.191	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0572	0.216	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **Comp 03** **York Sample ID:** **24H0599-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:30 pm	08/08/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.216	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.193	0.198	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.186	0.216	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.180	0.201	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.204	0.216	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.206	0.216	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.176	0.216	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.216	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.216	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.216	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.216	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.432	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.216	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.167	0.216	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.643	0.821	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.815	0.830	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.864	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.385	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.208	0.432	1	EPA 1633 Draft 3	08/10/2024 09:30	08/13/2024 02:13	AM
								Certifications: NELAC-NH2097			

Sample Information

Client Sample ID: Comp 03 **York Sample ID:** 24H0599-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:30 pm	08/08/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0670	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 02:13	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 02:13	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/10/2024 09:30	08/13/2024 02:13	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.643	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/10/2024 09:30	08/13/2024 02:13	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.657	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/10/2024 09:30	08/13/2024 02:13	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.336	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/10/2024 09:30	08/13/2024 02:13	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.266	0.808	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/10/2024 09:30	08/13/2024 02:13	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.188	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/10/2024 09:30	08/13/2024 02:13	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.183	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 02:13	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/10/2024 09:30	08/13/2024 02:13	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.685	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 02:13	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.27	5.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 02:13	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.62	5.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 02:13	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.660	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 02:13	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.194	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 02:13	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.753	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 02:13	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/10/2024 09:30	08/13/2024 02:13	AM

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*169 %*	PFSu-H	*25-150*
Surrogate: M5PFHxA	*119 %*		*25-150*
Surrogate: M4PFHpA	*159 %*	PFSu-H	*25-150*
Surrogate: M3PFHxS	*145 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*140 %*		*25-150*
Surrogate: M6PFDA	*128 %*		*25-150*
Surrogate: M7PFUdA	*150 %*		*25-150*

Sample Information

Client Sample ID: Comp 03 **York Sample ID:** 24H0599-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:30 pm	08/08/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*102 %*			*25-150*						
	Surrogate: M2PFTeDA	*76.2 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*79.3 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*111 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*114 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*193 %*	PFSu-H		*10-150*						
	Surrogate: d3-N-MeFOSAA	*191 %*	PFSu-H		*25-150*						
	Surrogate: d5-N-EtFOSAA	*227 %*	PFSu-H		*25-150*						
	Surrogate: M2-6:2 FTS	*268 %*	PFSu-H		*25-200*						
	Surrogate: M2-8:2 FTS	*282 %*	PFSu-H		*25-200*						
	Surrogate: M9PFNA	*132 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*221 %*	PFSu-H		*25-150*						
	Surrogate: d-N-MeFOSA	*130 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*111 %*			*25-150*						
	Surrogate: M3HFPO-DA	*189 %*	PFSu-H		*25-150*						
	Surrogate: d9-N-EtFOSE	*50.4 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*51.8 %*			*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	**alpha-Chlordane**	**0.00196**		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp 03 **York Sample ID:** 24H0599-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:30 pm	08/08/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	**gamma-Chlordane**	**0.00257**		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:11	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2024 08:47	08/10/2024 00:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2024 08:47	08/10/2024 00:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2024 08:47	08/10/2024 00:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2024 08:47	08/10/2024 00:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2024 08:47	08/10/2024 00:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp 03 **York Sample ID:** 24H0599-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:30 pm	08/08/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2024 08:47	08/10/2024 00:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2024 08:47	08/10/2024 00:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2024 08:47	08/10/2024 00:09	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7580**		mg/kg dry	4.54	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.27	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.37**		mg/kg dry	1.36	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**39.2**		mg/kg dry	2.26	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.345**		mg/kg dry	0.046	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.272	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2030**		mg/kg dry	4.54	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.4**		mg/kg dry	0.454	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**7.82**		mg/kg dry	0.363	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**18.2**		mg/kg dry	1.81	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**17600**		mg/kg dry	22.7	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**18.2**		mg/kg dry	0.454	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2640**		mg/kg dry	4.54	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**259**		mg/kg dry	0.454	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp 03 **York Sample ID:** 24H0599-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:30 pm	08/08/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**23.9**		mg/kg dry	0.904	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**894**		mg/kg dry	4.54	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.457	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**94.7**		mg/kg dry	45.4	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.27	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**22.6**		mg/kg dry	0.904	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**39.5**		mg/kg dry	2.26	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0327	1	EPA 7473	08/10/2024 08:25	08/12/2024 10:31	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.8**		%	0.100	1	SM 2540G	08/09/2024 12:25	08/09/2024 14:59	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab 05 **York Sample ID:** 24H0599-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:20 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.095	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab 05 **York Sample ID:** 24H0599-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:20 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0048	0.0095	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab 05 **York Sample ID:** 24H0599-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:20 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab 05 **York Sample ID:** 24H0599-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 1:20 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:20	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.9 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.4**		%	0.100	1	SM 2540G	08/13/2024 18:48	08/13/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab 17 **York Sample ID:** 24H0599-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 2:40 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab 17 **York Sample ID:** 24H0599-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 2:40 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab 17 **York Sample ID:** 24H0599-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 2:40 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab 17 **York Sample ID:** 24H0599-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 2:40 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260D	08/09/2024 10:57	08/09/2024 16:47	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.6**		%	0.100	1	SM 2540G	08/13/2024 18:48	08/13/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab 18 **York Sample ID:** 24H0599-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 2:43 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab 18 **York Sample ID:** 24H0599-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 2:43 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab 18 **York Sample ID:** 24H0599-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 2:43 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	QL-02, CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab 18 **York Sample ID:** 24H0599-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0599	100688801	Soil	August 8, 2024 2:43 pm	08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	08/09/2024 10:57	08/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.2**		%	0.100	1	SM 2540G	08/13/2024 18:48	08/13/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BH40589 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H0599-01	Comp 02	08/09/24
24H0599-04	Comp 03	08/09/24

Batch ID: BH40609 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24H0599-01	Comp 02	08/09/24
24H0599-01	Comp 02	08/09/24
24H0599-04	Comp 03	08/09/24
24H0599-04	Comp 03	08/09/24
BH40609-BLK1	Blank	08/09/24
BH40609-BLK2	Blank	08/09/24
BH40609-BS1	LCS	08/09/24
BH40609-BS2	LCS	08/09/24

Batch ID: BH40613 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24H0599-01	Comp 02	08/09/24
24H0599-04	Comp 03	08/09/24
BH40613-BLK1	Blank	08/09/24
BH40613-BS1	LCS	08/09/24

Batch ID: BH40639 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H0599-02	Grab 03	08/09/24
24H0599-03	Grab 04	08/09/24
24H0599-05	Grab 05	08/09/24
24H0599-06	Grab 17	08/09/24
24H0599-07	Grab 18	08/09/24
BH40639-BLK1	Blank	08/09/24
BH40639-BS1	LCS	08/09/24
BH40639-BSD1	LCS Dup	08/09/24

Batch ID: BH40673 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H0599-01	Comp 02	08/10/24
24H0599-04	Comp 03	08/10/24
BH40673-BLK1	Blank	08/10/24
BH40673-SRM1	Reference	08/10/24

Batch ID: BH40676 **Preparation Method:** EPA 1633 Prep **Prepared By:** K H

YORK Sample ID	Client Sample ID	Preparation Date
24H0599-01	Comp 02	08/10/24
24H0599-04	Comp 03	08/10/24
BH40676-BLK1	Blank	08/10/24
BH40676-BS1	LCS	08/10/24
BH40676-BS2	LCS	08/10/24

Batch ID: BH40692 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24H0599-01	Comp 02	08/11/24
24H0599-04	Comp 03	08/11/24
BH40692-BLK1	Blank	08/11/24
BH40692-SRM1	Reference	08/11/24

Batch ID: BH40856 **Preparation Method:** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H0599-02	Grab 03	08/13/24
24H0599-03	Grab 04	08/13/24
24H0599-05	Grab 05	08/13/24
24H0599-06	Grab 17	08/13/24
24H0599-07	Grab 18	08/13/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40639 - EPA 5035A											
Blank (BH40639-BLK1) Blank									Prepared & Analyzed: 08/09/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40639 - EPA 5035A											
Blank (BH40639-BLK1) Blank								Prepared & Analyzed: 08/09/2024			
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.1*		*ug/L*	*50.0*		*98.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.6*		*"*	*50.0*		*109*	*76-130*				
LCS (BH40639-BS1) LCS								Prepared & Analyzed: 08/09/2024			
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	47		"	50.0		94.2	71-137				
1,1,2,2-Tetrachloroethane	50		"	50.0		99.2	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44		"	50.0		88.9	58-146				
1,1,2-Trichloroethane	48		"	50.0		96.4	83-123				
1,1-Dichloroethane	48		"	50.0		95.2	75-130				
1,1-Dichloroethylene	43		"	50.0		86.9	64-137				
1,2,3-Trichlorobenzene	49		"	50.0		97.7	81-140				
1,2,3-Trichloropropane	46		"	50.0		91.1	81-126				
1,2,4-Trichlorobenzene	51		"	50.0		101	80-141				
1,2,4-Trimethylbenzene	52		"	50.0		104	84-125				
1,2-Dibromo-3-chloropropane	42		"	50.0		85.0	74-142				
1,2-Dibromoethane	48		"	50.0		95.4	86-123				
1,2-Dichlorobenzene	50		"	50.0		99.1	85-122				
1,2-Dichloroethane	49		"	50.0		97.5	71-133				
1,2-Dichloropropane	48		"	50.0		95.9	81-122				
1,3,5-Trimethylbenzene	51		"	50.0		102	82-126				
1,3-Dichlorobenzene	49		"	50.0		98.3	84-124				
1,4-Dichlorobenzene	50		"	50.0		99.6	84-124				
1,4-Dioxane	920		"	1050		87.5	10-228				
2-Butanone	44		"	50.0		87.4	58-147				
2-Hexanone	43		"	50.0		85.1	70-139				
4-Methyl-2-pentanone	46		"	50.0		92.0	72-132				
Acetone	34		"	50.0		68.2	36-155				
Acrolein	18		"	50.0		36.1	10-238				
Acrylonitrile	60		"	50.0		119	66-141				
Benzene	50		"	50.0		99.3	77-127				
Bromochloromethane	49		"	50.0		98.7	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40639 - EPA 5035A											
LCS (BH40639-BS1) LCS							Prepared & Analyzed: 08/09/2024				
Bromodichloromethane	49		ug/L	50.0		97.4	81-124				
Bromoform	47		"	50.0		94.1	80-136				
Bromomethane	43		"	50.0		86.6	32-177				
Carbon disulfide	43		"	50.0		87.0	10-136				
Carbon tetrachloride	47		"	50.0		93.6	66-143				
Chlorobenzene	48		"	50.0		96.6	86-120				
Chloroethane	40		"	50.0		80.7	51-142				
Chloroform	48		"	50.0		95.6	76-131				
Chloromethane	30		"	50.0		59.6	49-132				
cis-1,2-Dichloroethylene	46		"	50.0		92.6	74-132				
cis-1,3-Dichloropropylene	47		"	50.0		94.1	81-129				
Cyclohexane	44		"	50.0		87.5	70-130				
Dibromochloromethane	49		"	50.0		98.2	10-200				
Dibromomethane	47		"	50.0		93.5	83-124				
Dichlorodifluoromethane	16		"	50.0		31.4	28-158				
Ethyl Benzene	50		"	50.0		100	84-125				
Hexachlorobutadiene	48		"	50.0		97.0	83-133				
Isopropylbenzene	51		"	50.0		102	81-127				
Methyl acetate	37		"	50.0		73.7	41-143				
Methyl tert-butyl ether (MTBE)	45		"	50.0		90.7	74-131				
Methylcyclohexane	44		"	50.0		88.1	70-130				
Methylene chloride	46		"	50.0		91.4	57-141				
n-Butylbenzene	52		"	50.0		104	80-130				
n-Propylbenzene	51		"	50.0		101	74-136				
o-Xylene	48		"	50.0		96.9	83-123				
p- & m- Xylenes	96		"	100		95.9	82-128				
p-Isopropyltoluene	51		"	50.0		103	85-125				
sec-Butylbenzene	50		"	50.0		100	83-125				
Styrene	51		"	50.0		102	86-126				
tert-Butyl alcohol (TBA)	140		"	250		55.2	70-130	Low Bias			
tert-Butylbenzene	50		"	50.0		99.2	80-127				
Tetrachloroethylene	44		"	50.0		88.6	80-129				
Toluene	49		"	50.0		98.4	85-121				
trans-1,2-Dichloroethylene	46		"	50.0		91.5	72-132				
trans-1,3-Dichloropropylene	47		"	50.0		93.1	78-132				
trans-1,4-dichloro-2-butene	49		"	50.0		98.3	75-135				
Trichloroethylene	49		"	50.0		97.9	84-123				
Trichlorofluoromethane	40		"	50.0		79.0	62-140				
Vinyl Chloride	36		"	50.0		71.2	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.0*		*"*	*50.0*		*94.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.4*		*"*	*50.0*		*94.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.6*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40639 - EPA 5035A											
LCS Dup (BH40639-BSD1) LCS Dup							Prepared & Analyzed: 08/09/2024				
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		110	75-129		8.83	30	
1,1,1-Trichloroethane	51		"	50.0		102	71-137		7.64	30	
1,1,2,2-Tetrachloroethane	52		"	50.0		103	79-129		4.18	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0		93.8	58-146		5.43	30	
1,1,2-Trichloroethane	57		"	50.0		114	83-123		16.8	30	
1,1-Dichloroethane	54		"	50.0		108	75-130		12.5	30	
1,1-Dichloroethylene	49		"	50.0		97.0	64-137		11.0	30	
1,2,3-Trichlorobenzene	53		"	50.0		106	81-140		8.11	30	
1,2,3-Trichloropropane	55		"	50.0		110	81-126		18.8	30	
1,2,4-Trichlorobenzene	53		"	50.0		107	80-141		5.21	30	
1,2,4-Trimethylbenzene	55		"	50.0		110	84-125		5.41	30	
1,2-Dibromo-3-chloropropane	47		"	50.0		94.1	74-142		10.2	30	
1,2-Dibromoethane	55		"	50.0		110	86-123		13.9	30	
1,2-Dichlorobenzene	53		"	50.0		106	85-122		6.57	30	
1,2-Dichloroethane	57		"	50.0		115	71-133		16.1	30	
1,2-Dichloropropane	54		"	50.0		108	81-122		12.1	30	
1,3,5-Trimethylbenzene	54		"	50.0		108	82-126		5.56	30	
1,3-Dichlorobenzene	53		"	50.0		106	84-124		7.69	30	
1,4-Dichlorobenzene	52		"	50.0		105	84-124		5.13	30	
1,4-Dioxane	1100		"	1050		103	10-228		16.6	30	
2-Butanone	55		"	50.0		111	58-147		23.4	30	
2-Hexanone	49		"	50.0		98.5	70-139		14.6	30	
4-Methyl-2-pentanone	52		"	50.0		105	72-132		12.8	30	
Acetone	45		"	50.0		89.4	36-155		26.8	30	
Acrolein	21		"	50.0		41.8	10-238		14.7	30	
Acrylonitrile	65		"	50.0		130	66-141		8.57	30	
Benzene	55		"	50.0		111	77-127		11.0	30	
Bromochloromethane	56		"	50.0		112	74-129		12.9	30	
Bromodichloromethane	54		"	50.0		108	81-124		10.7	30	
Bromoform	54		"	50.0		107	80-136		12.8	30	
Bromomethane	47		"	50.0		93.7	32-177		7.87	30	
Carbon disulfide	47		"	50.0		93.5	10-136		7.23	30	
Carbon tetrachloride	52		"	50.0		104	66-143		10.7	30	
Chlorobenzene	53		"	50.0		107	86-120		9.83	30	
Chloroethane	38		"	50.0		76.5	51-142		5.37	30	
Chloroform	57		"	50.0		113	76-131		16.8	30	
Chloromethane	30		"	50.0		59.2	49-132		0.741	30	
cis-1,2-Dichloroethylene	60		"	50.0		120	74-132		25.7	30	
cis-1,3-Dichloropropylene	53		"	50.0		106	81-129		12.1	30	
Cyclohexane	48		"	50.0		96.3	70-130		9.58	30	
Dibromochloromethane	54		"	50.0		109	10-200		10.2	30	
Dibromomethane	53		"	50.0		106	83-124		12.8	30	
Dichlorodifluoromethane	14		"	50.0		28.4	28-158		10.2	30	
Ethyl Benzene	56		"	50.0		113	84-125		11.9	30	
Hexachlorobutadiene	52		"	50.0		104	83-133		7.14	30	
Isopropylbenzene	54		"	50.0		108	81-127		5.96	30	
Methyl acetate	46		"	50.0		92.4	41-143		22.6	30	
Methyl tert-butyl ether (MTBE)	52		"	50.0		105	74-131		14.4	30	
Methylcyclohexane	48		"	50.0		95.7	70-130		8.31	30	
Methylene chloride	53		"	50.0		106	57-141		14.5	30	
n-Butylbenzene	56		"	50.0		112	80-130		7.45	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40639 - EPA 5035A											
LCS Dup (BH40639-BSD1) LCS Dup								Prepared & Analyzed: 08/09/2024			
n-Propylbenzene	53		ug/L	50.0		106	74-136		4.97	30	
o-Xylene	54		"	50.0		109	83-123		11.5	30	
p- & m- Xylenes	110		"	100		107	82-128		11.1	30	
p-Isopropyltoluene	55		"	50.0		109	85-125		6.20	30	
sec-Butylbenzene	53		"	50.0		106	83-125		5.73	30	
Styrene	59		"	50.0		117	86-126		13.4	30	
tert-Butyl alcohol (TBA)	170		"	250		66.8	70-130	Low Bias	19.1	30	
tert-Butylbenzene	51		"	50.0		102	80-127		3.14	30	
Tetrachloroethylene	49		"	50.0		97.6	80-129		9.69	30	
Toluene	54		"	50.0		107	85-121		8.69	30	
trans-1,2-Dichloroethylene	50		"	50.0		99.8	72-132		8.61	30	
trans-1,3-Dichloropropylene	51		"	50.0		103	78-132		9.67	30	
trans-1,4-dichloro-2-butene	54		"	50.0		108	75-135		9.00	30	
Trichloroethylene	55		"	50.0		110	84-123		11.4	30	
Trichlorofluoromethane	43		"	50.0		85.7	62-140		8.16	30	
Vinyl Chloride	35		"	50.0		69.1	52-130		3.00	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.1*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.8*	*76-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40613 - EPA 3550C											
Blank (BH40613-BLK1) Blank									Prepared: 08/09/2024 Analyzed: 08/12/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40613 - EPA 3550C											
Blank (BH40613-BLK1) Blank									Prepared: 08/09/2024 Analyzed: 08/12/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.52*		"	*1.66*		*91.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.50*		"	*1.66*		*90.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.855*		"	*0.831*		*103*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.840*		"	*0.831*		*101*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.85*		"	*1.66*		*112*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.879*		"	*0.831*		*106*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BH40613 - EPA 3550C

LCS (BH40613-BS1) LCS — Prepared: 08/09/2024 Analyzed: 08/12/2024

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.876	0.0416	mg/kg wet	0.831		106	18-111				
1,2,4,5-Tetrachlorobenzene	0.834	0.0830	"	0.831		100	21-131				
1,2,4-Trichlorobenzene	0.797	0.0416	"	0.831		95.9	10-140				
1,2-Dichlorobenzene	0.748	0.0416	"	0.831		90.0	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.885	0.0416	"	0.831		107	17-137				
1,3-Dichlorobenzene	0.768	0.0416	"	0.831		92.5	33-110				
1,4-Dichlorobenzene	0.813	0.0416	"	0.831		97.8	32-104				
2,3,4,6-Tetrachlorophenol	1.12	0.0830	"	0.831		135	30-130	High Bias			
2,4,5-Trichlorophenol	0.882	0.0416	"	0.831		106	27-118				
2,4,6-Trichlorophenol	0.946	0.0416	"	0.831		114	31-120				
2,4-Dichlorophenol	0.852	0.0416	"	0.831		103	20-127				
2,4-Dimethylphenol	0.708	0.0416	"	0.831		85.3	14-132				
2,4-Dinitrophenol	1.28	0.0830	"	0.831		155	10-171				
2,4-Dinitrotoluene	1.01	0.0416	"	0.831		122	34-131				
2,6-Dinitrotoluene	0.970	0.0416	"	0.831		117	31-128				
2-Chloronaphthalene	0.834	0.0416	"	0.831		100	31-117				
2-Chlorophenol	0.837	0.0416	"	0.831		101	33-113				
2-Methylnaphthalene	0.861	0.0416	"	0.831		104	12-138				
2-Methylphenol	0.853	0.0416	"	0.831		103	10-136				
2-Nitroaniline	1.01	0.0830	"	0.831		121	27-132				
2-Nitrophenol	0.889	0.0416	"	0.831		107	17-129				
3- & 4-Methylphenols	0.756	0.0416	"	0.831		91.0	29-103				
3,3-Dichlorobenzidine	2.60	0.0416	"	0.831		313	22-149	High Bias			
3-Nitroaniline	1.05	0.0830	"	0.831		126	20-133				
4,6-Dinitro-2-methylphenol	1.22	0.0830	"	0.831		147	10-143	High Bias			
4-Bromophenyl phenyl ether	0.863	0.0416	"	0.831		104	29-120				
4-Chloro-3-methylphenol	0.915	0.0416	"	0.831		110	24-129				
4-Chloroaniline	0.856	0.0416	"	0.831		103	10-132				
4-Chlorophenyl phenyl ether	0.844	0.0416	"	0.831		102	27-124				
4-Nitroaniline	0.996	0.0830	"	0.831		120	16-128				
4-Nitrophenol	1.06	0.0830	"	0.831		128	10-141				
Acenaphthene	0.822	0.0416	"	0.831		99.0	30-121				
Acenaphthylene	0.793	0.0416	"	0.831		95.4	30-115				
Acetophenone	0.971	0.0416	"	0.831		117	20-112	High Bias			
Aniline	0.562	0.166	"	0.831		67.7	10-119				
Anthracene	0.846	0.0416	"	0.831		102	34-118				
Atrazine	0.997	0.0416	"	0.831		120	26-112	High Bias			
Benzaldehyde	0.539	0.0416	"	0.831		64.9	21-100				
Benzo(a)anthracene	0.932	0.0416	"	0.831		112	32-122				
Benzo(a)pyrene	0.988	0.0416	"	0.831		119	29-133				
Benzo(b)fluoranthene	0.950	0.0416	"	0.831		114	25-133				
Benzo(g,h,i)perylene	0.965	0.0416	"	0.831		116	10-143				
Benzo(k)fluoranthene	0.989	0.0416	"	0.831		119	25-128				
Benzoic acid	0.990	0.0416	"	0.831		119	10-140				
Benzyl alcohol	0.864	0.0416	"	0.831		104	30-115				
Benzyl butyl phthalate	0.927	0.0416	"	0.831		112	26-126				
Bis(2-chloroethoxy)methane	0.831	0.0416	"	0.831		100	19-132				
Bis(2-chloroethyl)ether	0.799	0.0416	"	0.831		96.2	19-125				
Bis(2-chloroisopropyl)ether	0.855	0.0416	"	0.831		103	20-135				
Bis(2-ethylhexyl)phthalate	0.920	0.0416	"	0.831		111	10-155				
Caprolactam	1.13	0.0830	"	0.831		135	10-127	High Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40613 - EPA 3550C											
LCS (BH40613-BS1) LCS								Prepared: 08/09/2024 Analyzed: 08/12/2024			
Carbazole	0.911	0.0416	mg/kg wet	0.831		110	35-123				
Chrysene	0.894	0.0416	"	0.831		108	32-123				
Dibenzo(a,h)anthracene	1.06	0.0416	"	0.831		127	10-136				
Dibenzofuran	0.859	0.0416	"	0.831		103	29-121				
Diethyl phthalate	0.872	0.0416	"	0.831		105	34-116				
Dimethyl phthalate	0.851	0.0416	"	0.831		103	35-124				
Di-n-butyl phthalate	0.920	0.0416	"	0.831		111	31-116				
Di-n-octyl phthalate	0.970	0.0416	"	0.831		117	26-136				
Diphenylamine	0.999	0.0830	"	0.831		120	40-140				
Fluoranthene	0.888	0.0416	"	0.831		107	33-122				
Fluorene	0.868	0.0416	"	0.831		105	29-123				
Hexachlorobenzene	0.846	0.0416	"	0.831		102	21-124				
Hexachlorobutadiene	0.793	0.0416	"	0.831		95.4	10-149				
Hexachlorocyclopentadiene	0.535	0.0416	"	0.831		64.4	10-129				
Hexachloroethane	0.783	0.0416	"	0.831		94.2	28-108				
Indeno(1,2,3-cd)pyrene	1.27	0.0416	"	0.831		153	10-135	High Bias			
Isophorone	0.891	0.0416	"	0.831		107	20-132				
Naphthalene	0.849	0.0416	"	0.831		102	23-124				
Nitrobenzene	0.840	0.0416	"	0.831		101	13-132				
N-Nitrosodimethylamine	0.779	0.0416	"	0.831		93.8	11-129				
N-nitroso-di-n-propylamine	0.807	0.0416	"	0.831		97.1	24-119				
N-Nitrosodiphenylamine	1.00	0.0416	"	0.831		121	22-152				
Pentachlorophenol	1.07	0.0416	"	0.831		128	10-139				
Phenanthrene	0.874	0.0416	"	0.831		105	33-123				
Phenol	0.823	0.0416	"	0.831		99.0	23-115				
Pyrene	0.882	0.0416	"	0.831		106	32-130				
Surrogate: SURR: 2-Fluorophenol	*1.56*		"	*1.66*		*94.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.56*		"	*1.66*		*93.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.852*		"	*0.831*		*103*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.850*		"	*0.831*		*102*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.99*		"	*1.66*		*120*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.905*		"	*0.831*		*109*	*24-116*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40676 - EPA 1633 Prep											
Blank (BH40676-BLK1) Blank									Prepared: 08/10/2024 Analyzed: 08/12/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.994	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.97	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*3.43*		"	*2.32*		*148*	*25-150*				
Surrogate: M5PFHxA	*2.92*		"	*2.49*		*117*	*25-150*				
Surrogate: M4PFHpA	*3.14*		"	*2.49*		*126*	*25-150*				
Surrogate: M3PFHxS	*2.92*		"	*2.36*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.21*		"	*2.49*		*129*	*25-150*				
Surrogate: M6PFDA	*1.30*		"	*1.24*		*105*	*25-150*				
Surrogate: M7PFUdA	*1.19*		"	*1.24*		*95.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.623*		"	*1.24*		*50.2*	*25-150*				
Surrogate: M2PFTeDA	*0.389*		"	*1.24*		*31.3*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40676 - EPA 1633 Prep											
Blank (BH40676-BLK1) Blank								Prepared: 08/10/2024 Analyzed: 08/12/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.566*		*ug/kg wet*	*9.94*		*5.70*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.88*		*"*	*2.38*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.90*		*"*	*4.97*		*98.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.32*		*"*	*2.49*		*254*	*10-150*				
Surrogate: d3-N-MeFOSAA	*16.1*		*"*	*4.97*		*323*	*25-150*				
Surrogate: d5-N-EtFOSAA	*18.6*		*"*	*4.97*		*374*	*25-150*				
Surrogate: M2-6:2 FTS	*22.4*		*"*	*4.73*		*474*	*25-200*				
Surrogate: M2-8:2 FTS	*33.9*		*"*	*4.77*		*711*	*25-200*				
Surrogate: M9PFNA	*1.50*		*"*	*1.24*		*121*	*25-150*				
Surrogate: M2-4:2 FTS	*11.3*		*"*	*4.66*		*241*	*25-150*				
Surrogate: d-N-MeFOSA	*2.02*		*"*	*2.49*		*81.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.94*		*"*	*2.49*		*77.9*	*25-150*				
Surrogate: M3HFPO-DA	*18.3*		*"*	*9.94*		*184*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.4*		*"*	*24.9*		*62.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.8*		*"*	*24.9*		*71.7*	*25-150*				
LCS (BH40676-BS1) LCS								Prepared: 08/10/2024 Analyzed: 08/12/2024			
Perfluorobutanesulfonic acid (PFBS)	3.11	0.177	ug/kg wet	3.53		88.1	50-150				
Perfluorohexanoic acid (PFHxA)	3.34	0.200	"	3.99		83.6	50-150				
Perfluoroheptanoic acid (PFHpA)	4.26	0.200	"	3.99		107	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.17	0.183	"	3.65		86.7	50-150				
Perfluorooctanoic acid (PFOA)	3.64	0.200	"	3.99		91.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.11	0.186	"	3.71		83.9	50-150				
Perfluorononanoic acid (PFNA)	3.40	0.200	"	3.99		85.1	50-150				
Perfluorodecanoic acid (PFDA)	2.77	0.200	"	3.99		69.3	50-150				
Perfluoroundecanoic acid (PFUnA)	3.67	0.200	"	3.99		92.0	50-150				
Perfluorododecanoic acid (PFDoA)	3.37	0.200	"	3.99		84.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.32	0.200	"	3.99		83.0	50-150				
Perfluorotetradecanoic acid (PFTA)	3.19	0.200	"	3.99		79.9	50-150				
N-MeFOSAA	3.64	0.200	"	3.99		91.2	50-150				
N-EtFOSAA	3.68	0.200	"	3.99		92.1	50-150				
Perfluoropentanoic acid (PFPeA)	7.01	0.399	"	7.98		87.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.01	0.200	"	3.99		75.4	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.50	0.200	"	3.81		91.8	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.47	0.193	"	3.85		64.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.3	0.758	"	15.2		94.5	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	12.5	0.766	"	15.3		81.3	50-150				
Perfluoro-n-butanoic acid (PFBA)	11.7	0.798	"	16.0		73.3	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.57	0.355	"	7.11		78.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.12	0.399	"	7.98		114	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.969	0.399	"	7.98		12.1	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	8.12	0.399	"	7.98		102	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.44	0.188	"	3.75		91.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.8	0.749	"	15.0		92.0	50-150				
HFPO-DA (Gen-X)	6.80	0.798	"	7.98		85.2	50-150				
11CL-PF3OUdS	2.37	0.754	"	7.54		31.4	50-150	Low Bias			
9CL-PF3ONS	2.97	0.747	"	7.47		39.7	50-150	Low Bias			
ADONA	4.25	0.754	"	7.54		56.3	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40676 - EPA 1633 Prep											
LCS (BH40676-BS1) LCS								Prepared: 08/10/2024 Analyzed: 08/12/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.73	0.194	ug/kg wet	3.87		44.6	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	3.02	0.192	"	3.83		78.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	16.6	0.998	"	16.0		104	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	90.0	4.99	"	79.8		113	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	155	4.99	"	79.8		195	50-150	High Bias			
N-MeFOSE	36.0	2.00	"	39.9		90.1	50-150				
N-MeFOSA	3.72	0.200	"	3.99		93.2	50-150				
N-EtFOSE	37.9	2.00	"	39.9		95.1	50-150				
N-EtFOSA	3.59	0.200	"	3.99		90.0	50-150				
Surrogate: M3PFBS	*3.09*		*"*	*2.33*		*133*	*25-150*				
Surrogate: M5PFHxA	*2.98*		*"*	*2.50*		*119*	*25-150*				
Surrogate: M4PFHpA	*3.06*		*"*	*2.50*		*123*	*25-150*				
Surrogate: M3PFHxS	*2.73*		*"*	*2.37*		*115*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.87*		*"*	*2.50*		*115*	*25-150*				
Surrogate: M6PFDA	*1.45*		*"*	*1.25*		*116*	*25-150*				
Surrogate: M7PFUdA	*1.22*		*"*	*1.25*		*97.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.714*		*"*	*1.25*		*57.2*	*25-150*				
Surrogate: M2PFTeDA	*0.594*		*"*	*1.25*		*47.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.484*		*"*	*9.98*		*4.85*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.67*		*"*	*2.39*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.51*		*"*	*4.99*		*90.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.65*		*"*	*2.50*		*266*	*10-150*				
Surrogate: d3-N-MeFOSAA	*19.4*		*"*	*4.99*		*388*	*25-150*				
Surrogate: d5-N-EtFOSAA	*19.5*		*"*	*4.99*		*390*	*25-150*				
Surrogate: M2-6:2 FTS	*31.3*		*"*	*4.75*		*659*	*25-200*				
Surrogate: M2-8:2 FTS	*57.5*		*"*	*4.79*		*NR*	*25-200*				
Surrogate: M9PFNA	*1.39*		*"*	*1.25*		*111*	*25-150*				
Surrogate: M2-4:2 FTS	*10.6*		*"*	*4.68*		*227*	*25-150*				
Surrogate: d-N-MeFOSA	*3.41*		*"*	*2.50*		*137*	*25-150*				
Surrogate: d-N-EtFOSA	*2.87*		*"*	*2.50*		*115*	*25-150*				
Surrogate: M3HFPO-DA	*17.2*		*"*	*9.98*		*172*	*25-150*				
Surrogate: d9-N-EtFOSE	*24.2*		*"*	*25.0*		*97.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*25.9*		*"*	*25.0*		*104*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40676 - EPA 1633 Prep											
LCS (BH40676-BS2) LCS								Prepared: 08/10/2024 Analyzed: 08/12/2024			
Perfluorobutanesulfonic acid (PFBS)	0.678	0.175	ug/kg wet	0.698		97.1	50-150				
Perfluorohexanoic acid (PFHxA)	0.708	0.197	"	0.789		89.8	50-150				
Perfluoroheptanoic acid (PFHpA)	0.777	0.197	"	0.789		98.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.596	0.180	"	0.722		82.6	50-150				
Perfluorooctanoic acid (PFOA)	0.730	0.197	"	0.789		92.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.625	0.183	"	0.734		85.2	50-150				
Perfluorononanoic acid (PFNA)	0.717	0.197	"	0.789		90.9	50-150				
Perfluorodecanoic acid (PFDA)	0.638	0.197	"	0.789		80.8	50-150				
Perfluoroundecanoic acid (PFUnA)	0.672	0.197	"	0.789		85.1	50-150				
Perfluorododecanoic acid (PFDoA)	0.727	0.197	"	0.789		92.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.774	0.197	"	0.789		98.1	50-150				
Perfluorotetradecanoic acid (PFTA)	0.716	0.197	"	0.789		90.7	50-150				
N-MeFOSAA	0.752	0.197	"	0.789		95.3	50-150				
N-EtFOSAA	0.700	0.197	"	0.789		88.8	50-150				
Perfluoropentanoic acid (PFPeA)	1.43	0.394	"	1.58		90.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.689	0.197	"	0.789		87.4	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.745	0.197	"	0.753		98.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.542	0.190	"	0.761		71.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.85	0.750	"	3.00		95.0	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.79	0.757	"	3.03		91.9	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.44	0.789	"	3.16		77.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.17	0.351	"	1.40		83.1	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.70	0.394	"	1.58		108	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.104	0.394	"	1.58		6.62	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	2.19	0.394	"	1.58		139	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.701	0.185	"	0.742		94.5	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	3.00	0.740	"	2.96		101	50-150				
HFPO-DA (Gen-X)	1.51	0.789	"	1.58		95.5	50-150				
11CL-PF3OUdS	0.402	0.746	"	1.49		26.9	50-150	Low Bias			
9CL-PF3ONS	0.498	0.738	"	1.48		33.7	50-150	Low Bias			
ADONA	0.815	0.746	"	1.49		54.7	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.413	0.191	"	0.765		53.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.539	0.189	"	0.757		71.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	2.58	0.986	"	3.16		81.7	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	17.6	4.93	"	15.8		112	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	24.2	4.93	"	15.8		153	50-150	High Bias			
N-MeFOSE	8.04	1.97	"	7.89		102	50-150				
N-MeFOSA	0.792	0.197	"	0.789		100	50-150				
N-EtFOSE	7.74	1.97	"	7.89		98.1	50-150				
N-EtFOSA	0.808	0.197	"	0.789		102	50-150				
Surrogate: M3PFBS	*3.12*		"	*2.30*		*136*	*25-150*				
Surrogate: M5PFHxA	*2.96*		"	*2.47*		*120*	*25-150*				
Surrogate: M4PFHpA	*3.18*		"	*2.47*		*129*	*25-150*				
Surrogate: M3PFHxS	*2.73*		"	*2.34*		*117*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.92*		"	*2.47*		*118*	*25-150*				
Surrogate: M6PFDA	*1.13*		"	*1.23*		*91.7*	*25-150*				
Surrogate: M7PFUdA	*0.979*		"	*1.23*		*79.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.703*		"	*1.23*		*57.1*	*25-150*				
Surrogate: M2PFTeDA	*0.537*		"	*1.23*		*43.6*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40676 - EPA 1633 Prep											
LCS (BH40676-BS2) LCS									Prepared: 08/10/2024 Analyzed: 08/12/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.366*		*ug/kg wet*	*9.86*		*3.71*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.21*		*"*	*2.36*		*93.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.00*		*"*	*4.93*		*60.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*5.31*		*"*	*2.47*		*215*	*10-150*				
Surrogate: d3-N-MeFOSAA	*14.2*		*"*	*4.93*		*287*	*25-150*				
Surrogate: d5-N-EtFOSAA	*14.9*		*"*	*4.93*		*301*	*25-150*				
Surrogate: M2-6:2 FTS	*21.7*		*"*	*4.69*		*463*	*25-200*				
Surrogate: M2-8:2 FTS	*39.1*		*"*	*4.73*		*826*	*25-200*				
Surrogate: M9PFNA	*1.19*		*"*	*1.23*		*96.2*	*25-150*				
Surrogate: M2-4:2 FTS	*9.85*		*"*	*4.63*		*213*	*25-150*				
Surrogate: d-N-MeFOSA	*3.03*		*"*	*2.47*		*123*	*25-150*				
Surrogate: d-N-EtFOSA	*2.57*		*"*	*2.47*		*104*	*25-150*				
Surrogate: M3HFPO-DA	*18.0*		*"*	*9.86*		*183*	*25-150*				
Surrogate: d9-N-EtFOSE	*21.9*		*"*	*24.7*		*88.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*26.4*		*"*	*24.7*		*107*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40609 - EPA 3550C											
Blank (BH40609-BLK1) Blank								Prepared & Analyzed: 08/09/2024			
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0415*		*"*	*0.0664*		*62.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0614*		*"*	*0.0664*		*92.4*	*30-150*				
LCS (BH40609-BS1) LCS								Prepared & Analyzed: 08/09/2024			
4,4'-DDD	0.0272	0.00164	mg/kg wet	0.0332		82.0	40-140				
4,4'-DDE	0.0256	0.00164	"	0.0332		77.2	40-140				
4,4'-DDT	0.0271	0.00164	"	0.0332		81.5	40-140				
Aldrin	0.0253	0.00164	"	0.0332		76.2	40-140				
alpha-BHC	0.0286	0.00164	"	0.0332		86.0	40-140				
alpha-Chlordane	0.0250	0.00164	"	0.0332		75.1	40-140				
beta-BHC	0.0269	0.00164	"	0.0332		81.1	40-140				
delta-BHC	0.0264	0.00164	"	0.0332		79.5	40-140				
Dieldrin	0.0262	0.00164	"	0.0332		78.8	40-140				
Endosulfan I	0.0263	0.00164	"	0.0332		79.1	40-140				
Endosulfan II	0.0279	0.00164	"	0.0332		84.0	40-140				
Endosulfan sulfate	0.0259	0.00164	"	0.0332		78.0	40-140				
Endrin	0.0306	0.00164	"	0.0332		92.0	40-140				
Endrin aldehyde	0.0281	0.00164	"	0.0332		84.5	40-140				
Endrin ketone	0.0267	0.00164	"	0.0332		80.5	40-140				
gamma-BHC (Lindane)	0.0256	0.00164	"	0.0332		77.1	40-140				
gamma-Chlordane	0.0254	0.00164	"	0.0332		76.4	40-140				
Heptachlor	0.0271	0.00164	"	0.0332		81.6	40-140				
Heptachlor epoxide	0.0269	0.00164	"	0.0332		80.9	40-140				
Methoxychlor	0.0280	0.00164	"	0.0332		84.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0408*		*"*	*0.0664*		*61.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0508*		*"*	*0.0664*		*76.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40609 - EPA 3550C											
Blank (BH40609-BLK2) Blank								Prepared & Analyzed: 08/09/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0565*		*"*	*0.0664*		*85.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0326*		*"*	*0.0664*		*49.0*	*30-140*				
LCS (BH40609-BS2) LCS								Prepared & Analyzed: 08/09/2024			
Aroclor 1016	0.259	0.0166	mg/kg wet	0.332		78.0	40-130				
Aroclor 1260	0.239	0.0166	"	0.332		72.0	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0455*		*"*	*0.0664*		*68.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0279*		*"*	*0.0664*		*42.0*	*30-140*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40692 - EPA 3050B											
Blank (BH40692-BLK1) Blank									Prepared: 08/11/2024 Analyzed: 08/12/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BH40692-SRM1) Reference									Prepared: 08/11/2024 Analyzed: 08/12/2024		
Aluminum	6970	4.17	mg/kg wet	7680		90.7	46.7-129.9				
Antimony	66.3	2.08	"	257		25.8	1-100				
Arsenic	323	1.25	"	360		89.8	70.6-102.2				
Barium	324	2.08	"	332		97.6	75-108.1				
Beryllium	183	0.042	"	183		100	76.5-108.2				
Cadmium	220	0.250	"	238		92.5	73.5-105				
Calcium	5290	4.17	"	5490		96.3	77.2-110.9				
Chromium	190	0.417	"	199		95.5	73.4-107				
Cobalt	88.3	0.333	"	88.7		99.5	76.6-107.6				
Copper	230	1.67	"	227		101	74.9-105.7				
Iron	6790	20.8	"	7360		92.3	51.1-125.8				
Lead	96.5	0.417	"	100		96.5	75.9-110				
Magnesium	1810	4.17	"	1900		95.1	67.4-111.1				
Manganese	576	0.417	"	591		97.5	72.6-107.1				
Nickel	339	0.830	"	342		99.2	75.4-107.6				
Potassium	1400	4.17	"	1500		93.6	66.1-116.7				
Selenium	173	2.08	"	170		102	78.2-115.9				
Silver	86.2	0.420	"	88.6		97.2	73.9-112				
Sodium	749	41.7	"	527		142	68.5-115.9	High Bias			
Thallium	220	2.08	"	226		97.4	73.5-108.4				
Vanadium	110	0.830	"	118		93.0	68.1-106.8				
Zinc	177	2.08	"	183		96.5	72.7-109.3				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40673 - EPA 7473 soil											
Blank (BH40673-BLK1) Blank									Prepared: 08/10/2024 Analyzed: 08/12/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH40673-SRM1) Reference									Prepared: 08/10/2024 Analyzed: 08/12/2024		
Mercury	20.636		mg/kg	18.2		113	59.9-140.1				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H0599-02	Grab 03	40mL Vial with Stir Bar-Cool 4° C
24H0599-03	Grab 04	40mL Vial with Stir Bar-Cool 4° C
24H0599-05	Grab 05	40mL Vial with Stir Bar-Cool 4° C
24H0599-06	Grab 17	40mL Vial with Stir Bar-Cool 4° C
24H0599-07	Grab 18	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24H0599

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Report To:
Company: Langan
Address: 300 Kimball Dr., Parsippany, NJ, 07054
Phone.:
Contact: Lauren Kott
E-mail: LKott@langan.com

Invoice To:
Company:
Address:
Phone.:
Contact:
E-mail:

YOUR Project Name / Number: CCC 100688801

PO Number:

Samples Collected From: NY X | CT | NJ | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day X | RUSH - Five Day | Standard (Up to 10 Days) | PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	VOCs	SVOCs	PCB's/Pesticides	TAL Metals	PFAS 1633									Grab or Comp. G/C
Comp02	8/8/24	13:15	S	2											X	X	X	X									
Grab03		13:05		1	3									X													
Grab04		13:10		1	3									X													
Comp03		13:30		2											X	X	X	X									
Grab05		13:20		1	3									X													
Grab17		14:40		1	3									X													
Grab18		14:43		1	3									X													

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; ~~NJ Reduced~~; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Field Filtered | Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: Langan — Date/Time: 8/8/24 1605	1. Samples Received by / Company: ViFi — Date/Time: 8/8/24 1605 4.2°	2. Samples Relinquished by / Company: ViFi — Date/Time: 8/8/24 1800
2. Samples Received by / Company: Con Hoan — Date/Time: 8/8/24 1800	3. Samples Relinquished by / Company: Con Hoan — Date/Time: 8/8/24 2030	3. Samples Received by / Company — Date/Time
4. Samples Relinquished by / Company — Date/Time	4. Samples Received by / Company — Date/Time	Samples Received in LAB by: Date/Time: 8/8/24 2030 — Temperature: 1.4 Degrees C

Lauren Kott

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Monday, September 9, 2024 2:28 PM
To: Lauren Kott
Cc: Amanda Forsburg; Obligado, Andre A (DEC)
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Import - Tilcon ASTM 4 and Tilcon ASTM 5

Follow Up Flag: Follow up
Flag Status: Completed

Good Afternoon Lauren,

Confirming you may use the NY 2/ASTM5 and the ASTM 4 stone "for use as backfill between pile caps and foundation elements and will remain on-Site below the structural slab, for backfill within the utility structure and raising the sub-grade elevation in the ConEd vault area following the remedial excavation, and as needed within the building footprint."

Approval by the Department is required for any additional material imported from this source. Please ensure any material stockpiled on site is secured and covered.

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov | | |

From: Lauren Kott <lkott@langan.com>
Sent: Wednesday, September 4, 2024 4:39 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Cc: aforsburg@langan.com
Subject: 12096 Flatlands Avenue (C224290) Request to Import - Tilcon ASTM 4 and Tilcon ASTM 5

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Good afternoon Steven,

Please see the attached two proposed stone submittals for material from Tilcon. Each stone submission has already been approved by the Department on 29 March 2024; however, we are requesting that the NY 2/ASTM 5 and the ASTM 4 stone be "for use as backfill between pile caps and foundation elements and will remain on-Site below the structural slab, for backfill within the utility structure and raising the sub-grade elevation in the ConEd vault area following the remedial excavation, and as needed within the building footprint." The former use of this material was for "truck wash, crane pads, and temp roads."

Can you kindly review the updated use on these materials and advise if they are approved for the updated uses?

Thanks!

Lauren Kott, PE
Project Engineer

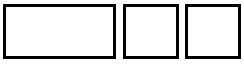
LANGAN

Direct: 973.560.4807
Mobile: 908.752.1870
File Sharing Link

Phone: 973.560.4900 Fax: 973.560.4901
300 Kimball Drive
4th Floor
Parsippany, NJ 07054-2172
www.langan.com

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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Unrestricted

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 3,000

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that passes a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Material consists of approximately 3,000 cubic yards of ASTM#4, 1.5-inch clean stone for use as backfill between pile caps and foundation elements and will remain on-Site below the structural slab, for backfill within the utility structure and raising the sub-grade elevation in the ConEd vault area following the remedial excavation, and as needed within the building footprint. Stone is generated from a mine. As such, analytical results are not provided.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

See above.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Leslie Dalessandro

Location where fill was obtained:

65 Mount Hope Road, Wharton, NJ

Identification of any state or local approvals as a fill source:

Mine Certificate No. 004851

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Source facility letters and gradation results provided

The information provided on this form is accurate and complete.



Signature

9/4/2024

Date

Lauren Kott

Print Name

Langan

Firm

Tilcon New York Inc.
9 Entin Road
Parsippany, NJ 07054

T 973-366-7741
www.tilconny.com

A CRH COMPANY

People • Character • Innovation • Performance

March 20, 2024

United Concrete, LLC
20th St, Brooklyn, NY

Attn: Aldo Malomo
Re: BROOKLYN- FLATLANDS & EAST NEW YORK

Dear Mr. Malomo;

As they are produced at Mt Hope quarry Item4 Type2 Subbase, ASTM#4, ASTM#57 and NYSDOT No. 2 are manufactured to meet the New York State Department of Transportation (NYSDOT) and New Jersey Department of Transportation (NJDOT), and ASTM Standard Specifications. Mount Hope source is included on the NJDOT Qualified Products List, available at:

www.state.nj.us/transportation/eng/materials/qualified/QPLDB.shtm

Mount Hope quarry supplies 100% virgin granite (Gneiss) that is quarried and processed to finished sizes. Material shipped from our Mount Hope Facility is clean and free of contaminants prior to loading. Our Mount Hope Quarry source (#8-32R) was approved by the NYSDOT under test 20AR093 and the letter to this effect is attached.

Attached, please find, the gradation, and third-party test results confirming source quality characteristics.

If you have any questions or require additional information, please contact me at leslie.dalessandro@tilconny.com

Very truly yours,
TILCON NEW YORK, INC.

Leslie Dalessandro

Leslie Dalessandro
Quality Control Department

Quality Test Report

Plant	060_00418-Mt. Hope Quarry
Product	1 1/4"-ASTM 4
Specification	ASTM 4

1845654569

Sample Information

Sample No	1845654569
Date Sampled	03/08/2024 13:41
Sampled By	Jarryd Megargel
Type	Production
Method	Load-out Face

Split Sample ☐
Resample ☐

Gradation Results

Date Completed 03/08/2024 13:41 Tested By Jarryd Megargel

Unit	Moist Mass	Dry Mass	Wash Mass	Moisture %	Wash Loss %	Procedure
lb		43.95				

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification	Comment
2" (50mm)	0.00	0.00	0	0	100		100-100	
1 1/2" (37.5mm)	0.00	0.00	0	0	100	100-100\100	90-100	
1" (25mm)	24.65	24.65	56	56	44	18-59\38	20-55	
3/4" (19mm)	18.70	43.35	43	99	1	0-6\3	0-15	
1/2" (12.5mm)	0.40	43.75	1	100	0			
3/8" (9.5mm)	0.05	43.80	0	100	0	0-2\1	0-5	
Pan	0.15	43.95	0.3	100.0	0.0			

Philip D. Murphy
Governor

Tahesha L. Way
Lieutenant Governor

State of New Jersey
DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT
LABOR STANDARDS AND SAFETY ENFORCEMENT
DIVISION OF PUBLIC SAFETY & OCCUPATIONAL SAFETY & HEALTH
Office of Safety Compliance
P.O. Box 386
Trenton, NJ 08625-0386
(609) 292-2096 • Fax: (609) 777-4589

Robert Asaro-Angelo
Commissioner

Certificate No: 004851

Expiration Date: 03/31/2025

MINE REGISTRATION CERTIFICATE

ISSUED TO: Tilcon New York Inc-Mt Hope Quarry

LOCATION: Tilcon New York Inc-Mt Hope Quarry
625 Mt Hope Rd
Wharton, NJ

BLK NO(S): SEE BELOW

LOT NO(S): SEE BELOW

COUNTY: Morris

FEE: $3,000.00

Issued pursuant to the provisions of N.J.S.A 34:6-98.1 et. seq. Failure to comply with the provisions of the Act, and the Rules promulgated thereunder, shall be good cause for the revocation of this Certificate.

R A Angelo
Commissioner

THIS CERTIFICATE MUST BE POSTED AT ALL TIMES

BLOCK NO(S)	LOT NO(S)
625 Mt Hope Rd	
20001, 70001,, 20101	501, 502, 7, 2, 6

Lauren Kott

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Monday, September 9, 2024 2:28 PM
To: Lauren Kott
Cc: Amanda Forsburg; Obligado, Andre A (DEC)
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Import - Tilcon ASTM 4 and Tilcon ASTM 5

Follow Up Flag: Follow up
Flag Status: Completed

Good Afternoon Lauren,

Confirming you may use the NY 2/ASTM5 and the ASTM 4 stone "for use as backfill between pile caps and foundation elements and will remain on-Site below the structural slab, for backfill within the utility structure and raising the sub-grade elevation in the ConEd vault area following the remedial excavation, and as needed within the building footprint."

Approval by the Department is required for any additional material imported from this source. Please ensure any material stockpiled on site is secured and covered.

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov | | |

From: Lauren Kott <lkott@langan.com>
Sent: Wednesday, September 4, 2024 4:39 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Cc: aforsburg@langan.com
Subject: 12096 Flatlands Avenue (C224290) Request to Import - Tilcon ASTM 4 and Tilcon ASTM 5

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Good afternoon Steven,

Please see the attached two proposed stone submittals for material from Tilcon. Each stone submission has already been approved by the Department on 29 March 2024; however, we are requesting that the NY 2/ASTM 5 and the ASTM 4 stone be "for use as backfill between pile caps and foundation elements and will remain on-Site below the structural slab, for backfill within the utility structure and raising the sub-grade elevation in the ConEd vault area following the remedial excavation, and as needed within the building footprint." The former use of this material was for "truck wash, crane pads, and temp roads."

Can you kindly review the updated use on these materials and advise if they are approved for the updated uses?

Thanks!

Lauren Kott, PE
Project Engineer

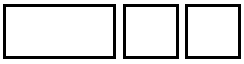
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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Unrestricted

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 3,000

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that passes a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Material consists of approximately 3,000 cubic yards of NYSDOT No. 2 / ASTM 5, 1-inch clean stone for use as backfill between pile caps and foundation elements and will remain on-Site below the structural slab, for backfill within the utility structure and raising the sub-grade elevation in the ConEd vault area following the remedial excavation, and as needed within the building footprint. Stone is generated from a mine. As such, analytical results are not provided.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

See above.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Leslie Dalessandro

Location where fill was obtained:

65 Mount Hope Road, Wharton, NJ

Identification of any state or local approvals as a fill source:

Mine Certificate No. 004851

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Source facility letters and gradation results provided

The information provided on this form is accurate and complete.



Signature

9/4/2024

Date

Lauren Kott

Print Name

Langan

Firm

Tilcon New York Inc.
9 Entin Road
Parsippany, NJ 07054

T 973-366-7741
www.tilconny.com

A CRH COMPANY

People • Character • Innovation • Performance

March 20, 2024

United Concrete, LLC
20th St, Brooklyn, NY

Attn: Aldo Malomo
Re: BROOKLYN- FLATLANDS & EAST NEW YORK

Dear Mr. Malomo;

As they are produced at Mt Hope quarry Item4 Type2 Subbase, ASTM#4, ASTM#57 and NYSDOT No. 2 are manufactured to meet the New York State Department of Transportation (NYSDOT) and New Jersey Department of Transportation (NJDOT), and ASTM Standard Specifications. Mount Hope source is included on the NJDOT Qualified Products List, available at:

www.state.nj.us/transportation/eng/materials/qualified/QPLDB.shtm

Mount Hope quarry supplies 100% virgin granite (Gneiss) that is quarried and processed to finished sizes. Material shipped from our Mount Hope Facility is clean and free of contaminants prior to loading. Our Mount Hope Quarry source (#8-32R) was approved by the NYSDOT under test 20AR093 and the letter to this effect is attached.

Attached, please find, the gradation, and third-party test results confirming source quality characteristics.

If you have any questions or require additional information, please contact me at leslie.dalessandro@tilconny.com

Very truly yours,
TILCON NEW YORK, INC.

Leslie Dalessandro

Leslie Dalessandro
Quality Control Department

Plant: Mt. Hope Quarry
Date Created: 02/15/2024
Date Modified: 02/15/2024
Name: NY2
Description:

Sieve/Test	Spec	Result	NY 2 (ASTM 5)-NY 2
Bin			
Price		0	0
% Product		0	0
TPH		0	0
% Gate			0
1 1/2" (37.5mm)	100-100		100.0
1" (25mm)	90-100		100.0
3/4" (19mm)			82.9
1/2" (12.5mm)	0-15		9.7
3/8" (9.5mm)			0.7

Philip D. Murphy
Governor

Tahesha L. Way
Lieutenant Governor

State of New Jersey
DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT
LABOR STANDARDS AND SAFETY ENFORCEMENT
DIVISION OF PUBLIC SAFETY & OCCUPATIONAL SAFETY & HEALTH
Office of Safety Compliance
P.O. Box 386
Trenton, NJ 08625-0386
(609) 292-2096 • Fax: (609) 777-4589

Robert Asaro-Angelo
Commissioner

Certificate No: 004851

Expiration Date: 03/31/2025

MINE REGISTRATION CERTIFICATE

ISSUED TO: Tilcon New York Inc-Mt Hope Quarry

LOCATION: Tilcon New York Inc-Mt Hope Quarry
625 Mt Hope Rd
Wharton, NJ

BLK NO(S): SEE BELOW

LOT NO(S): SEE BELOW

COUNTY: Morris

FEE: $3,000.00

Issued pursuant to the provisions of N.J.S.A 34:6-98.1 et. seq. Failure to comply with the provisions of the Act, and the Rules promulgated thereunder, shall be good cause for the revocation of this Certificate.

R A Angelo
Commissioner

THIS CERTIFICATE MUST BE POSTED AT ALL TIMES

BLOCK NO(S)	LOT NO(S)
625 Mt Hope Rd	
20001, 70001,, 20101	501, 502, 7, 2, 6

Lauren Kott

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Tuesday, September 10, 2024 3:13 PM
To: Lauren Kott
Cc: Amanda Forsburg; Obligado, Andre A (DEC)
Subject: [External] RE: 12096 Flatlands Avenue (BCP Site No. C224290) - Request to Import Form - PPark 100 CY Sand

Lauren,

Sorry this one got lost, please see approval below:

The Department has reviewed the import request of 100 cubic yards of sand from PPark NJ, Prospect Park NJ, NJDEP Class B Recycling Center Permit Facility ID # 132589, dated 8/20/24. Based on the information provided, the request is hereby approved.

The proposed fill material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in section 5.4(e)5 of DER-10. Therefore, this material may be used as the permanent base for staging the detention tanks.

Testing in accordance with DER-10 and the Remedial Design Work Plan and approval by the Department is required for any additional material imported from this source. Please ensure any material stockpiled on site is secured and covered.

Thanks,

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov |

From: Lauren Kott <lkott@langan.com>
Sent: Tuesday, September 10, 2024 1:30 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Cc: aforsburg@langan.com
Subject: RE: 12096 Flatlands Avenue (BCP Site No. C224290) - Request to Import Form - PPark 100 CY Sand

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Good afternoon Steven,

I wanted to check in on the review of the material described below. Are you able to provide a schedule of when you will be reviewing this material?

Thanks! I've reattached the request for convenience.

Lauren Kott, PE
Project Engineer

LANGAN

Direct: 973.560.4807
Mobile: 908.752.1870
File Sharing Link
www.langan.com

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OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

From: Lauren Kott
Sent: Tuesday, August 20, 2024 10:19 AM
To: Steven.Wu (Steven.Wu@dec.ny.gov) <Steven.Wu@dec.ny.gov>
Cc: Amanda Forsburg <aforsburg@Langan.com>
Subject: 12096 Flatlands Avenue (BCP Site No. C224290) - Request to Import Form - PPark 100 CY Sand

Hi Steven,

Apologies for the double email about material import this morning.

Please see the attached Request to Import form for 100 cubic yards of sand to be imported from PPark of Prospect Park, NJ to be used as the permanent base for staging the detention tanks. The current facility registration, a facility materials letter, a sample location plan, and laboratory analytical data are included with the submittal.

Can you please review and let us know if this is approved? Thank you!

Lauren Kott, PE
Project Engineer

LANGAN

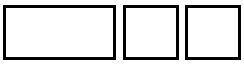
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Phone: 973.560.4900 Fax: 973.560.4901
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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Unrestricted

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 50-100

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Material consists of approximately 100 cubic yards of sand for use as the permanent base for staging the detention tanks.

One composite sample (Comp01) and 2 grab samples (Grab01 and Grab02) were collected on 8 August 2024 from an approximate 100 cubic yard stockpile. The composite sample was analyzed for SVOCs, pesticides, PCBs, metals, and PFAS and the discrete samples were analyzed for VOCs only.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Analytical results are attached. No exceedances of the Unrestricted Use SCOs were identified in samples collected from the stockpile (Comp01, Grab01, and Grab02).

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

United Concrete LLC - Foundation Contractor

Location where fill was obtained:

PPark Facility – 100 Planten Avenue, Prospect Park, NJ 07508

Identification of any state or local approvals as a fill source:

NJDEP Class B Recycling Center Permit Facility ID #: 132589

If no approvals are available, provide a brief history of the use of the property that is the fill source:

N/A

Provide a list of supporting documentation included with this request:

Facility letter, facility registration, sampling plan, and laboratory analytical results provided.

The information provided on this form is accurate and complete.



Signature

08/20/2024

Date

Lauren Kott

Print Name

Langan Engineering

Firm

P Park NJ
100 Planten Ave.
Prospect Park, NJ 07508

August 14, 2024

Ronald Schreiber
All Suffolk Materials
910 Middle County Road
Seldon, NY 11784

Mr. Schreiber:

The available sand at P. Park NJ is from multiple sources received into P. Park NJ then processed through the wash plant and separated into mason sand and concrete sand which is stored on site for resale. The C33 concrete sand you requested has been placed into a coral for PFAS sampling and is being held for your project.

If you have any questions further questions, please let me know.

Thank you

Mike Speck

Michael Speck
Facility Manager

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF SUSTAINABLE WASTE MANAGEMENT
BUREAU OF RECYCLING AND HAZARDOUS WASTE MANAGEMENT
401 East State Street
P.O. Box 420, Mail Code 401-02C
Trenton, New Jersey 08625-0420
Tel. (609) 984-3438 • Fax (609) 777-1951/984-0565
www.nj.gov/dep/dswm/recycling

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

SHAWN M. LATOURETTE
Commissioner

CERTIFIED MAIL – RETURN RECEIPT REQUESTED
7016356000044370044

March 27, 2023

Mr. Michael J. Posillico
PPark NJ, LLC
1750 New Highway
Farmingdale, NY 11735

Re: Class B Recycling Center General Approval - Renewal
PPark NJ, LLC
Block and Lot Nos: B13; L9, B14; L1, B15; L1, B16; L8, B21; L9, B27; L39, B67; L5, B73; L51, B83; L1, B93; L1
Borough of Prospect Park, Passaic County
Facility ID No. 132589; Approval No.: CBG220002

Dear Mr. Posillico:

Please be advised that the New Jersey Department of Environmental Protection, Division of Sustainable Waste Management, Bureau of Recycling and Hazardous Waste Management (Bureau) has reached a final determination to issue a Class B Recycling Center General Approval Renewal for the above-referenced facility. Enclosed is a copy of the final document.

Should you wish to contest any of the conditions of the enclosed general approval, you must file a request for an adjudicatory hearing within twenty (20) days of the date you receive this decision notice in accordance with the procedures found in N.J.A.C. 7:26A-3.14. A copy of the request should also be mailed to this Bureau.

If you have any questions concerning this letter, please contact Daniel Murray at (609) 777-0176, or by email at Daniel.Murray@dep.nj.gov.

Sincerely,

Dana Lawson

Dana Lawson, Bureau Chief
Bureau of Recycling & Hazardous Waste Management

C: *Gina Lugo, Supervisor, BSWCE
*Nick Nader, Supervising Engineer, BRHWM
*Rakesh Patel, Supervisor, BRHWM
*Nina Seiden, Administrator, Passaic County Solid Waste Management
*Dr. Charlene W. Gungil, Passaic County Health Officer
*Beauty Nadim, Municipal Clerk, Prospect Park Borough
*Paul McAndrew, P.E., LANGAN Engineering

*Sent via email

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PHILIP D. MURPHY
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CLASS B RECYCLING CENTER GENERAL APPROVAL

Under the provisions of N.J.S.A. 13:1E-1 *et seq*. and N.J.S.A. 13:1E-99.11 *et seq.*, known as the Solid Waste Management Act and New Jersey Statewide Mandatory Source Separation and Recycling Act, respectively, and pursuant to N.J.A.C. 7:26A-1 *et seq.,* known as the Recycling Regulations, this approval is hereby issued to:

PPARK NJ, LLC

Facility Type:	Class B Recycling
Block & Lot Nos.:	B13; L9, B14; L1, B15; L1, B16; L8, B21; L9, B27; L39, B67; L5, B73; L51, B83; L1, and B93; L1
Municipality:	Borough of Prospect Park
County:	Passaic
Facility ID No.:	132589
Approval No.:	CBG220002

This General Approval is subject to compliance with all conditions specified herein and all regulations promulgated by the New Jersey Department of Environmental Protection (Department).

This General Approval shall not prejudice any claim the State may have to riparian land nor does it allow the registrant to fill or alter, or allow to be filled or altered, in any way, lands that are deemed to be riparian, wetlands, stream encroachment or flood plains, or within the Coastal Area Facility Review Act (CAFRA) zone or are subject to the Pinelands Protection Act of 1979, nor shall it allow the discharge of pollutants to waters of this State without prior acquisition of the necessary grants, permits, or approvals from the Department.

March 27, 2023
Issuance Date

Dana Lawson
Dana Lawson, Bureau Chief
Bureau of Recycling & Hazardous Waste Management

March 27, 2028
Expiration Date

Scope of Approval

This General Approval (approval), along with the referenced application documents herein specified, shall constitute the sole approval of Recycling Center operations for Class B Recyclable Material (Asphalt, Brick, Block, and Concrete) by **PPark NJ, LLC** located in the Borough of Prospect Park, Passaic County, New Jersey. Any registration, approval or permit previously issued by the Division of Sustainable Waste Management, or its predecessor agencies, for the specific activities as described below and as conditioned herein, is hereby superseded.

Regulated Activities at the Facility

Conditions 1 through 42 of this approval contain the general conditions applicable to all recycling centers. Conditions 43 through 65 of this approval contain the general and specific operating requirements applicable to the PPark NJ, LLC (PPark) Class B Recycling Center.

Facility Description

The facility is a Class B recycling center located at 100 Planten Ave, Borough of Prospect Park, Passaic County. This regional recycling center receives approximately 2,000 tons per day of asphalt, concrete, brick, and block from offsite sources. The recycling center is authorized to receive, store, process, and transfer asphalt, concrete, brick, and block Monday through Friday from 7:00 AM to 5:30 PM and Saturday from 8:00 AM to 4:00 PM.

The recycling center is also utilized to store finished product and equipment, as depicted on the Site Plan referenced in the application documents below. The recycling center markets finished product from the site.

According to the Site Plan, there remains an undetermined quantity of recyclable materials at the above site, located outside the boundaries of the recycling operation areas. The materials were abandoned at the site by Tilcon of New Jersey, Inc., which owned/operated the facility from August 05, 1994, until November 10, 2008. This approval does not authorize PPark to receive, store, process, or transfer the aforementioned materials at the Class B Recycling Center.

Approved General Approval Application and Associated Documents

The registrant shall construct and operate the facility in accordance with N.J.A.C. 7:26A-1 *et seq.*, the conditions of this Approval, and the following documents:

a. Site Plan titled "Site Plan Map", signed and sealed by Paul McAndrew, P.E. of Langan Engineering, dated August 4, 2017, last revised (Revision 1) on December 2, 2020.

b. PPark NJ, LLC – Application for Renewal of Class B Recycling Center General Approval dated October 21, 2022, and prepared by Paul McAndrew, P.E., Langan Engineering.

c. PPark NJ, LLC – Application for Modification of Class B Recycling Center General Approval dated March 13, 2021, and prepared by Paul McAndrew, P.E., Langan Engineering.

d. PPark NJ, LLC – Initial Application for Class B Recycling Center General Approval dated August 4, 2017, and prepared by Paul McAndrew, P.E., Langan Engineering.

e. Passaic County Solid Waste Management Plan (Plan) inclusion of Tilcon Recycling Center in the Borough of Prospect Park, certified by the Commissioner of the Department of Environmental Protection on April 2, 1990.

f. Amendment to the Plan to authorize Tilcon New Jersey, Inc. to receive asphalt shingles at the Recycling Center, located at Block 83; Lot 1 in the Borough of Prospect Park, approved by the Bureau of Recycling and Planning via Administrative Action letter dated June 25, 1998.

g. Amendment to the Plan to clarify the location of the Recycling Center as Block 83; Lot 1, and Block 93; Lot 1 in the Borough of Prospect Park, approved by the Bureau of Recycling and Planning Via Administrative Action letter dated August 8, 2000.

h. Amendment to the Plan to change the name of the Recycling Center from Tilcon of New Jersey Inc. to Park NJ, LLC, and include additional block and lot numbers, approved by the Bureau of Planning and Licensing via Administrative Action letter dated May 31, 2017.

i. Amendment to the Plan to modify the Recycling Center's storage capacity and hours of operation, approved by the Bureau of Planning and Licensing via Administrative Action letter dated July 24, 2017.

In case of conflict, the provisions of N.J.A.C. 7:26A-1 *et seq.* shall have precedence over the conditions of this Approval, and the conditions of this Approval shall have precedence over plans and specifications listed above.

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1. All persons issued a general approval to operate a recycling center for Class B, Class C and/or Class D recyclable material pursuant to N.J.A.C. 7:26A-1 et seq. shall comply with all conditions of the approval. [N.J.A.C. 7:26A- 3.1(a)]
2. The holder of this general approval shall prominently post and maintain a legible sign, at or near the entrance to the recycling center, indicating that the recycling center is an approved New Jersey Department of Environmental Protection recycling center. The sign shall also indicate the following: Hours of operation of the recycling center; Listing of the source separated materials to be received; The size, weight, or other restrictions regarding materials to be received; The maximum amount of contaminants allowed in each load; Warning that loads will be inspected and will be barred from offloading if the contaminant level is exceeded; and Notice that the person offloading shall certify the amount of material per load, municipality of origin of the material and any other information contained on the Recyclable Material Receipt Form. [N.J.A.C. 7:26A- 3.5(f)]
3. Application for renewal of this general approval shall be submitted at least three months prior to expiration of the current approval and shall comply with all requirements for renewal set forth in N.J.A.C. 7:26A-3.6 et seq. One copy of the application for renewal of the general approval shall be submitted by the applicant to the municipal clerk of the municipality in which the recycling center is located, and to the solid waste or recycling coordinator of the county in which the recycling center is located. [N.J.A.C. 7:26A- 3.6(a)]
4. The applicant for renewal of this general approval shall certify in writing to the Department that there have been no changes in the operations of the recycling center since the issuance of the general approval in order to renew the approval in its existing form. In the event that there have been changes in the operations of the recycling center or where changes are planned, the application for renewal of a general approval shall be accompanied by a written request to modify the general approval in accordance with N.J.A.C. 7:26A-3.10. [N.J.A.C. 7:26A- 3.6(b)]
5. In a case where the holder of this general approval does not comply with N.J.A.C. 7:26A-3.6(a) and (b) and continues to operate without renewal of the general approval, the Department may take enforcement action including the assessment of penalties under N.J.S.A. 13:1E-9; require the holder of this general approval to file an application as a new applicant for a general approval in accordance with N.J.A.C. 7:26A-3.2 and pay the application fee as per N.J.A.C. 7:26A-2; and/or take any other appropriate actions. [N.J.A.C. 7:26A- 3.6(c)]
6. All persons granted a renewal pursuant to N.J.A.C. 7:26A-3.6(d) shall continue to pay the annual fee as specified in N.J.A.C. 7:26A-2. [N.J.A.C. 7:26A- 3.6(h)]
7. The holder of this general approval shall obtain prior approval from the Department for any modification of the general approval. [N.J.A.C. 7:26A- 3.10(a)]
8. Any change affecting the conditions of this general approval requires the prior approval of the Department. [N.J.A.C. 7:26A- 3.10(b)1]
9. Any change to the information submitted pursuant to N.J.A.C. 7:26A-3.2(a), 3.4, 3.8, 3.18, 3.19, or 3.20 requires the prior approval of the Department, except that changes in end-market information submitted pursuant to N.J.A.C. 7:26A-3.2(a) 7 shall not require the prior approval of the Department but shall be handled in accordance with N.J.A.C. 7:26A-3.10(f). [N.J.A.C. 7:26A- 3.10(b)2]

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10. The holder of this general approval shall notify the Department in writing of the intended modification and shall update the information submitted pursuant to N.J.A.C. 7:26A-3.2(a), 3.4, 3.8, 3.18, 3.19 or 3.20. The holder of this general approval shall also provide written notice to the solid waste or recycling coordinator of the applicable county of any request to modify a general approval. [N.J.A.C. 7:26A- 3.10(c)]

11. The holder of this general approval shall not institute the modification until it receives written approval from the Department. [N.J.A.C. 7:26A- 3.10(e)]

12. Within one (1) week of any change to the end-market information for products and by-products submitted to the Department pursuant to N.J.A.C. 7:26A-3.2(a)7, the holder of this general approval shall submit to the Department a written notification which details any change in the use of the recycled product and by-product transferred from the recycling center to an end-market. [or in the end-market location to which the recyclable material is transferred.] The written notification shall be sent to: New Jersey Department of Environmental Protection, Division of Sustainable Waste Management, Bureau of Recycling & Hazardous Waste Management, 401 E. State St., P.O. Box 420, Mail Code 401-02C, Trenton, New Jersey 08625-0420. Such notification may be sent electronically to the Bureau's email inbox: recyclingfacilities@dep.nj.gov. [N.J.A.C. 7:26A- 3.10(f)]

13. The Department may revoke this general approval upon a determination that the holder of the general approval has violated any provision of N.J.S.A. 13:1E-1 et seq., the New Jersey Statewide Mandatory Source Separation and Recycling Act, or any rule, regulation or administrative order promulgated pursuant to N.J.S.A. 13:1E-1 et seq. and the New Jersey Statewide Mandatory Source Separation and Recycling Act. [N.J.A.C. 7:26A- 3.13(a)1]

14. The Department may revoke this general approval upon a determination that the holder of the general approval has violated any solid waste utility law at N.J.S.A. 48:2-1 et seq. or 48:13A-1 et seq., or any rule, regulation or administrative order promulgated pursuant to N.J.S.A. 48:2-1 et seq. or 48:13A-1 et seq. [N.J.A.C. 7:26A- 3.13(a)2]

15. The Department may revoke this general approval upon a determination that the holder of the general approval has violated any provision of any laws related to pollution of the waters, air or land surfaces of the State or of any other State or Federal environmental laws including criminal laws related to environmental protection. [N.J.A.C. 7:26A- 3.13(a)3]

16. The Department may revoke this general approval upon a determination that the holder of the general approval has refused or failed to comply with any lawful order of the Department. [N.J.A.C. 7:26A- 3.13(a)4]

17. The Department may revoke this general approval upon a determination that the holder of the general approval has failed to comply with any of the conditions of this general approval issued by the Department. [N.J.A.C. 7:26A- 3.13(a)5]

18. The Department may revoke this general approval upon a determination that the holder of the general approval has transferred a general approval to a new owner or operator pursuant to N.J.A.C. 7:26A-3.15 without the prior approval of the Department. [N.J.A.C. 7:26A- 3.13(a)6]

19. The Department may revoke this general approval upon a determination that the holder of the general approval has failed to obtain any required permit or approval from the Department or other State or Federal agency. [N.J.A.C. 7:26A- 3.13(a)7]

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20. The Department may revoke this general approval upon a determination that the holder of the general approval has committed any of the acts which are criteria for denial of a general approval set forth in N.J.A.C. 7:26A-3.12. [N.J.A.C. 7:26A- 3.13(a)8]

21. This general approval shall not be transferred to a new owner or operator without the Department's prior approval. [N.J.A.C. 7:26A- 3.15(a)]

22. A written request for permission to allow a transfer of this general approval must be received by the Department at least 60 days in advance of the proposed transfer of ownership or operational control of the recycling center. The request for approval shall include the following: the name, address and social security number of all prospective new owners or operators; a written certification by the proposed transferee that the terms and conditions contained in the general approval will be met by the proposed transferee; and a written agreement between the current owner or operator of the recycling center and the proposed new owner or operator containing a specific future date for transfer of ownership or operational control. [N.J.A.C. 7:26A- 3.15(a)1]

23. A new owner or operator may commence operations at the recycling center only after the existing approval has been revoked and a new approval is issued to the new owner or operator pursuant to N.J.A.C. 7:26A-3.5. [N.J.A.C. 7:26A- 3.15(a)2]

24. The holder of this general approval remains liable for ensuring compliance with all conditions of the approval unless and until the existing approval is revoked and a new approval is issued to the new owner or operator pursuant to N.J.A.C. 7:26A-3.5. [N.J.A.C. 7:26A- 3.15(a)3]

25. Compliance with the transfer requirements set forth at N.J.A.C. 7:26A-3.15 shall not relieve the holder of this general approval from the separate responsibility of providing notice of such transfer pursuant to the requirements of any other statutory or regulatory provision. [N.J.A.C. 7:26A-3.15(a)4]

26. The transfer of a controlling interest in the stock or assets of the recycling center that is the subject of this general approval shall constitute a transfer of this general approval. [N.J.A.C. 7:26A- 3.15(b)]

27. The holder of this general approval shall maintain a daily record of the amounts of each recyclable material by type and municipality of origin which are received, stored, processed, or transferred each day, expressed in tons, cubic yards, cubic feet, or gallons. Those operators specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons and vice versa. [N.J.A.C. 7:26A- 3.17(a)1]

28. The holder of this general approval shall maintain a daily record of the name, address, and telephone number of the end-markets for all recyclable materials transported from the recycling center, including the amounts, in tons, cubic yards, cubic feet or gallons, transported to each end-market. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons and vice versa. [N.J.A.C. 7:26A- 3.17(a)2]

29. The holder of this general approval shall maintain a daily record of the amount of residue generated, expressed in tons, cubic yards, cubic feet or gallons. Those operators specifying this information in cubic yards or tons shall also indicate the conversion ratio from cubic yards to tons and vice versa. For those residues considered solid waste, the daily record shall include name and address of the receiving authorized solid waste facility, the name and New Jersey Department of Environmental Protection solid waste registration number of the solid waste collector/hauler used. Residues that can be further recycled, shall be recorded separately with the volumes/weights as noted above. [N.J.A.C. 7:26A- 3.17(a)3]

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30. The holder of this general approval shall retain all Recyclable Material Receipt Forms required pursuant to N.J.A.C. 7:26A-3.2(a)16iii for three calendar years following the calendar year for which an annual report is required pursuant to N.J.A.C. 7:26A-3.17(c). [N.J.A.C. 7:26A- 3.17(b)]

31. The holder of this general approval shall submit an annual report containing monthly summary statements of the information required pursuant to N.J.A.C. 7:26A-3.17(a) to the New Jersey Department of Environmental Protection, Division of Sustainable Waste Management, Bureau of Recycling & Hazardous Waste Management, on or before March 1 of each year, for the previous calendar year. The summaries shall include the following: monthly totals of the amount of recyclable material received from each customer by municipality of origin; monthly totals of the amount of recycled products and by-products transferred to each end-market; and the amount of residue disposed of during each month. The Annual Report shall be completed and submitted through the Department's Online Business Portal at nj.gov/dep/online, on forms and in the format specified by the Department. [N.J.A.C. 7:26A- 3.17(c)]

32. All information submitted to the Department pursuant N.J.A.C. 7:26A shall be handled in accordance with the requirements of the Public Records law, N.J.S.A. 47:1-1 et seq. The Department will hold confidential all end-market information (including by-product end-markets), as well as information pertaining to the municipality of origin of recyclable material (including by-products), submitted pursuant to N.J.A.C 7:26A-3.2, 3.7, and 3.17 through 3.20 for a period of two years from the date on which the information is submitted to the Department, where specified as confidential by the applicant and where there are no health, safety or environmental concerns which require the release of the information, as determined by the Department. [N.J.A.C. 7:26A- 3.17(f)]

33. The holder of this general approval shall provide a recycling tonnage report by March 1 of each year to all municipalities from which recyclable material is received in the previous calendar year. The report shall detail the amount of each source separated recyclable material, expressed in tons or cubic yards, brought to the recycling center, as well as the date on which the recyclable materials were delivered to the recycling center. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons and vice versa. [N.J.A.C. 7:26A- 4.4(a)]

34. The recycling center shall not commence operations unless and until it is included in the applicable district solid waste management plan. [N.J.A.C. 7:26A- 4.2]

35. The construction of the recycling center that is the subject of this general approval shall be in conformance with the New Jersey Uniform Construction Code, N.J.S.A. 52:27D-119 et seq., and the rules promulgated pursuant thereto. [N.J.A.C. 7:26A- 4.1(b)]

36. Pursuant to N.J.A.C. 7:26A-3.2(a)18, the holder of the general approval shall ensure that all recycling activities authorized by this general approval are conducted in full compliance with the applicable Stormwater Management rules at N.J.A.C. 7:8-5 and 6 and the Pollutant Discharge Elimination System rules at N.J.A.C. 7:14A et seq. and any permit issued pursuant to7:14A et seq. In the event that compliance with the above rules require changes to the site plan or any operations authorized by this general approval, the holder of the general approval shall submit a modification application including a revised site plan within thirty (30) days of receiving all approvals/permits from the NJPDES Program to the Bureau of Recycling & Hazardous Waste Management for review and approval. [N.J.A.C. 7:26A- 3.5(e)]

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37. The holder of this General Approval shall grade and maintain the facility to minimize the accumulation of ponded water in a manner that protects human health, safety, and the environment, and prevents detrimental conditions including, but not limited to, odors, mosquito colonization, or causes site materials to be tracked offsite. Any soil modification and grading performed shall be in accordance with the approved Soil Erosion and Sediment Control Plan approved by the Applicable Soil Conservation District and shall be in compliance with all Department permits. [N.J.A.C. 7:26A-3.5(e)]

38. The New Jersey Department of Environmental Protection or an authorized representative acting pursuant to the County Environmental Health Act, N.J.S.A. 26:3A2-1 et seq. shall have the right to enter and inspect any building or other portion of the recycling center at any time in order to determine compliance with the provisions of all applicable laws or rules and regulations adopted pursuant thereto. This right to inspect includes but is not limited to sampling any materials on site; photographing any portion of the recycling center; investigating an actual or suspected source of pollution of the environment; and, ascertaining compliance or non-compliance with the statutes, rules or regulations of the Department, including conditions of the recycling center approval issued by the Department. [N.J.A.C. 7:26A- 1.7(a)]

39. The right of entry specified at N.J.A.C. 7:26A-1.7(a) shall be limited to normal operating hours for the purpose of reviewing and copying all applicable records, which shall be made available to the Department during an inspection and submitted to the Department upon request. [N.J.A.C. 7:26A-1.7(b)]

40. The facility shall comply with the general operating requirements for all Recycling Centers as provided at N.J.A.C. 7:26A-4.1. [N.J.A.C. 7:26A- 4]

41. Upon notification from the Department that a State of Emergency, which may impact the facility's operations, has been declared by the Governor pursuant to the New Jersey Disaster Control Act at N.J.S.A. App. A:9-30 et seq., the holder of this general approval shall provide to the Division of Sustainable Waste Management a daily report on the operational status of the facility and the quantity of recyclable materials received during the previous operating day or any other relevant information requested pursuant to N.J.S.A. App. A:9-36. The status report shall be submitted electronically, or as otherwise directed by the Department, to solidwasteemergencies@dep.nj.gov on forms, or in the format, provided by the Department and in compliance with the time frames established by the Department after the State of Emergency declaration. The status reports shall be submitted daily until the holder of this general approval is informed by the Department that the reports are no longer required for that State of Emergency. [N.J.A.C. 7:26A- 3.5(e)]

42. In case of conflict, the provisions of N.J.A.C. 7:26A-1 et seq. shall have precedence over the conditions of this Approval, and the conditions of this Approval shall have precedence over General Approval Application and Associated Documents. [N.J.A.C. 7:26A- 3.5(e)]

Subject Item: RCBG821710 - Class B Operation Requirements

43. The following source separated Class B recyclable materials, which have been separated at the point of generation from other waste materials or separated at a permitted solid waste facility authorized to separate recyclable materials, may be received, stored, processed, or transferred at this recycling center: Asphalt, Brick, Block, and Concrete. [N.J.A.C. 7:26A- 3.5(e)]

Subject Item: RCBG821710 - Class B Operation Requirements

44. At no time shall the receipt, storage, processing, or transferring of non-source separated construction and demolition material be allowed at this recycling center. The prohibition of this material shall be strictly enforced, and any incident shall be considered a serious violation to the conditions of this Approval. [N.J.A.C. 7:26A- 3.5(e)]

45. The recycling center may receive, store, process, or transfer source separated Concrete, Brick and Block separately or in a commingled manner and Asphalt separately. Commingling of Asphalt with any other material is prohibited. [N.J.A.C. 7:26A- 3.5(e)]

46. Upon receipt, each incoming shipment shall be visually inspected for physical contaminants. The maximum amount of physical contaminants, as defined in N.J.A.C. 7:26A-1.3, allowed in each incoming load of Class B recyclable material shall be limited to one percent (1%) by volume. By-product materials that adhere to the authorized incoming recyclable material are not considered physical contaminants. However, such by-product materials shall be segregated during processing, stored, and managed in accordance with the requirements for the storage of by-products. [N.J.A.C. 7:26A- 3.5(e)]

47. A by-product is a secondary product derived from the recycling process. By-products, including but not limited to rebar, metal, and soil, which adhere to the Class B recyclable materials, as specified in this Approval, may be received, stored, processed, or transferred at this recycling center. Soil or soil-like by-products must be free of any contamination pursuant to N.J.A.C 7:26-1.6(a)6 or, otherwise authorized for use by the Department pursuant to a Beneficial Use Determination as specified at N.J.A.C. 7:26-1.7(g) or, otherwise approved for use in the remediation of a site by a Licensed Site Remediation Professional who is retained to remediate such site pursuant to the Administrative Requirements for the Remediation of Contaminated Sites as specified in N.J.A.C. 7:26C. Materials that do not meet such criteria shall lose its by-product designation and be considered residue and managed as such. [N.J.A.C. 7:26A- 3.5(e)]

48. The holder of this general approval shall operate the recycling center and construct or install associated appurtenances thereto, in accordance with the provisions of N.J.A.C. 7:26A-1 et seq., the conditions of this general approval, and the general approval application documents. [N.J.A.C. 7:26A- 3.5(e)]

49. One complete set of the general approval application documents, this general approval, and all records, reports and plans required pursuant to this approval shall be kept on file at the recycling center and shall be available for inspection by authorized representatives of the Department or delegated agents upon presentation of credentials. [N.J.A.C. 7:26A- 3.5(e)]

50. Hours of operation for receiving, storing, processing, or transferring the source separated recyclable material shall be limited to:

    Monday through Friday: 7:00 AM to 5:30 PM
    Saturday: 8:00 AM to 4:00 PM. [N.J.A.C. 7:26A- 3.5(e)]

51. Material deliveries to the recycling center shall be scheduled in such a manner as to minimize truck queuing on the recycling center property. Under no circumstances shall delivery trucks be allowed to back-up or queue onto public roads. [N.J.A.C. 7:26A- 3.5(e)]

52. The recycling center shall receive no more than 2,000 tons per day of asphalt, brick & block, and concrete recyclable materials from offsite sources only. [N.J.A.C. 7:26A- 3.5(e)]

Subject Item: RCBG821710 - Class B Operation Requirements

53. The recycling center is authorized to store unprocessed and processed materials in the designated storage areas with capacity limitations as shown on the approved site plan. The areas specifically designated for storage of unprocessed and processed materials and the corresponding maximum authorized capacities and maximum pile heights are specified as follows:

(1) Unprocessed Concrete, Brick & Block - 49,787 cubic yards, 29 feet (ft)
(2) Unprocessed Asphalt - 1,787 cubic yards, 32.9 ft
(3) Unprocessed Asphalt (Bin#1) - 213 cubic yards, 8 ft
(4) Unprocessed material (Bin#2) - 213 cubic yards, 8 ft
(5) Processed material (Pile A1) - 6,000 cubic yards, 25 ft
(6) Processed material (Pile A2) - 33,435 cubic yards, 39 ft
(7) Processed material (Pile A3) - 8,500 cubic yards, 28 ft
(8) Processed Asphalt (Pile A4) - 2,000 cubic yards, 35 ft
(9) Processed material (Pile A5) - 500 cubic yards, 19 ft
(10) Processed material (Pile A6) - 500 cubic yards, 19 ft
(11) Processed material (Bin 3 thru 7) - 213 cubic yards each, 8 ft each. [N.J.A.C. 7:26A- 3.5(e)]

54. In the event that the unprocessed material storage area(s) has reached its maximum authorized capacity, the recycling center shall immediately cease receiving additional unprocessed material until the amount of unprocessed material stored onsite falls below the total authorized unprocessed material storage capacity.
In the event that the processed material storage area(s) has reached its maximum authorized capacity, the permittee may temporarily store excess processed material in the unprocessed material storage area subject to availability of additional capacity in that area, as long as processed and unprocessed material are separated by either a physical barrier or by maintaining at least eight (8) feet of aisle space between the piles. Under no circumstance shall the combined volume of processed and unprocessed material exceed that area(s) maximum authorized storage capacity. When the total amount of unprocessed and processed material reaches the maximum authorized capacity as shown on the approved site plan, the recycling center shall immediately cease receiving unprocessed material. While transferring processed material offsite, any processed material stored in the unprocessed storage area shall be transferred first. [N.J.A.C. 7:26A- 3.5(e)]

55. Unprocessed recyclable material shall not remain onsite, in its unprocessed form, for more than one (1) year. [N.J.A.C. 7:26A- 3.9(b)]

56. All processed material shall be stored separately from residues. Residues that cannot be further recycled shall be shipped to an authorized solid waste facility using a licensed solid waste transporter. Records of such shipment shall be maintained by the facility and made available for inspection. [N.J.A.C. 7:26A- 3.5(e)]

57. By-products shall be stored in the container and shall be shipped offsite to the end markets within one (1) year. [N.J.A.C. 7:26A- 3.5(e)]

Subject Item: RCBG821710 - Class B Operation Requirements

58. The following equipment are authorized for the receipt, storage, processing or transferring of the recyclable material:

Sandvik Jaw Crusher Model # QJ341
Telesmith Cone Crusher Model # 44FC
Diesel Power Generators Model # CKT175VM-T4F & CKT430VM
Sandvik Primary Screener Model # QE342
Emerald Equipment Picking Station Model # CRS0146
Edge Track Stacking Conveyor Model # TS8040
Edge Hydraulic Conveyor Model # MS80
John Deer Excavator with Pulverizer Model # 470
John Deer Excavator Model # 470
John Deer Wheel Loader Model # 844K
John Deer Skid Steer Model # 324G
TDI Ultra High Frequency Screener 6x18 DD
Electric Conveyors
Stanton Systems Portable Tire Wash Model # STB -75

The holder of the Approval must notify the Bureau in writing of any replaced equipment along with the manufacturer specifications for the replacement equipment within two weeks of such replacement. Where applicable, the holder of the Approval must also submit any air permit(s) or air permit application(s) required for the replacement equipment. The above required information may be submitted electronically to recyclingfacilities@dep.nj.gov. [N.J.A.C. 7:26A- 3.5(e)]

59. Horizontal and vertical control points for all operational areas shall be established and maintained. Permanent horizontal limitation markers with bin blocks, jersey barriers, or the equivalent as approved by the Department shall be set at the corners of the operational areas as depicted on the approved site plans. Vertical limitation markers with metal pipes, metal rods, or the equivalent as approved by the Department shall be set at locations in close proximity of the stockpile areas and shall clearly establish elevation heights, in accordance with the approved site plan, above the existing grade for all stockpile areas. [N.J.A.C. 7:26A- 3.5(e)]

60. Ingress and egress of the facility shall be restricted to Planten Avenue only. [N.J.A.C. 7:26A- 3.5(e)]

61. Methods of effectively controlling dust shall be implemented at the facility in order to prevent offsite migration. [N.J.A.C. 7:26A- 3.5(e)]

62. Firefighting and emergency procedures shall be posted, and shall include the telephone numbers of local fire, police, ambulance, and hospital facilities. If a fire occurs onsite, the facility shall immediately notify the local fire official and the N.J.D.E.P. Environmental Action Hotline at 1-877-927-6337. [N.J.A.C. 7:26A- 3.5(e)]

Subject Item: RCBG821710 - Class B Operation Requirements

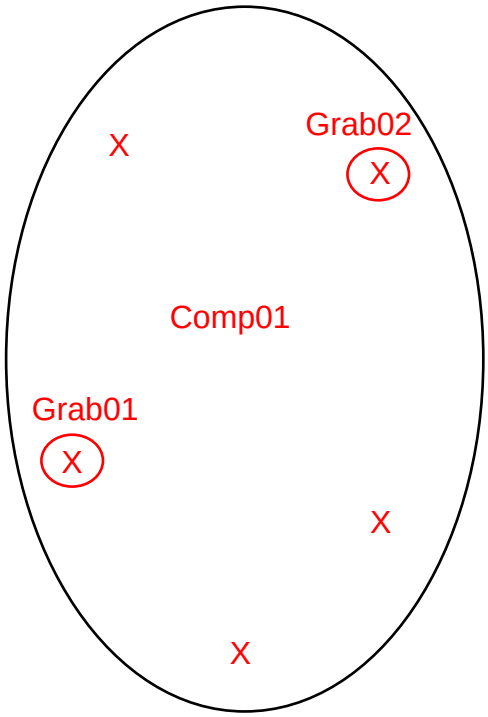
63. Any suspected or prohibited hazardous waste, as defined at NJAC 7:26G-5, found in a load accepted at the recycling center shall not be returned to the generator. Such materials shall be segregated and stored in a secure manner and shall be immediately reported to the N.J.D.E.P. Environmental Action Hotline at 1-877-927-6337. The owner/operator of the recycling center shall secure the name of the collector/hauler suspected of delivering such waste to the facility and related information surrounding the incident, if available, and shall make this information known to N.J.D.E.P. enforcement personnel. Such material may be returned to a known generator, provided that specific permission to do so is received by the owner/operator after contacting 1-877-927-6337. Otherwise, the owner/operator shall dispose of the unauthorized waste in accordance with instructions received from the Department. [N.J.A.C. 7:26A- 3.5(e)]

64. Pursuant to N.J.A.C. 7:26A-3.11(a), the holder of this general approval shall obtain prior approval from the Department for any increase in the design capacity of the facility. The facility shall submit a request to the Department, in writing, for the proposed increase and shall submit updated information pursuant to the requirements of N.J.A.C. 7:26A-3.2(a), 3.4, or 3.8, as applicable. The facility shall also provide written notice of the request to the solid waste or recycling coordinator of the applicable district. [N.J.A.C. 7:26A- 3.5(e)]

65. PPark NJ, LLC shall maintain financial assurance in the form of a Performance Bond or an Irrevocable Standby Letter of Credit for the amount $2,040,000. [N.J.A.C. 7:26A- 3.4(c)]

100 CY Stockpile Sampling Location Plan

Facility: PPark, 100 Planten Avenue,
Prospect Park, NJ 07508



Legend

Approximate 100 CY Stockpile

X Grab Sample Location for the Composite Samples

Discrete VOC Sample Location for the Grab Samples

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 08/15/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H0600

Report Date: 08/15/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H0600

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 08, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H0600-01	Comp 01	Soil	08/08/2024	08/08/2024
24H0600-02	Grab 01	Soil	08/08/2024	08/08/2024
24H0600-03	Grab 02	Soil	08/08/2024	08/08/2024
24H0600-04	Trip Blank	Water	08/08/2024	08/08/2024

General Notes for York Project (SDG) No.: 24H0600

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 08/15/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: Comp 01 **York Sample ID:** 24H0600-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Soil	August 8, 2024 10:45 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp 01 **York Sample ID:** 24H0600-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Soil	August 8, 2024 10:45 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	CCVE	mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.351	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.0554**	J	mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.351	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.128**		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.110**		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.107**		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0736**	J	mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp 01 **York Sample ID:** 24H0600-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Soil	August 8, 2024 10:45 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	**Benzo(k)fluoranthene**	**0.0890**		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.125**		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.319**		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp 01 **York Sample ID:** 24H0600-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Soil	August 8, 2024 10:45 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0722**	J	mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.238**		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.256**		mg/kg dry	0.0439	0.0877	2	EPA 8270E	08/09/2024 08:51	08/12/2024 19:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*57.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.2 %*	*24-116*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.188	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0561	0.212	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: Comp 01 **York Sample ID:** 24H0600-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Soil	August 8, 2024 10:45 am	08/08/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.212	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.194	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.182	0.212	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.177	0.197	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.200	0.212	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.202	0.212	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.212	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.212	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.212	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.212	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.212	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.424	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.212	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.630	0.805	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.800	0.814	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.848	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.377	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.204	0.424	1	EPA 1633 Draft 3	08/14/2024 14:33	08/15/2024 05:43	AM
								Certifications: NELAC-NH2097			

Sample Information

Client Sample ID: Comp 01 **York Sample ID:** 24H0600-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Soil	August 8, 2024 10:45 am	08/08/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0657	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/14/2024 14:33	08/15/2024 05:43	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/14/2024 14:33	08/15/2024 05:43	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/14/2024 14:33	08/15/2024 05:43	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.630	0.795	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/14/2024 14:33	08/15/2024 05:43	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.644	0.848	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/14/2024 14:33	08/15/2024 05:43	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.329	0.801	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/14/2024 14:33	08/15/2024 05:43	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.261	0.792	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/14/2024 14:33	08/15/2024 05:43	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.184	0.801	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/14/2024 14:33	08/15/2024 05:43	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.179	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/14/2024 14:33	08/15/2024 05:43	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/14/2024 14:33	08/15/2024 05:43	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.672	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/14/2024 14:33	08/15/2024 05:43	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND	PF-CCV-L	ug/kg dry	2.22	5.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/14/2024 14:33	08/15/2024 05:43	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.59	5.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/14/2024 14:33	08/15/2024 05:43	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.647	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/14/2024 14:33	08/15/2024 05:43	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/14/2024 14:33	08/15/2024 05:43	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.738	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/14/2024 14:33	08/15/2024 05:43	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/14/2024 14:33	08/15/2024 05:43	AM

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*146 %*	*25-150*
Surrogate: M5PFHxA	*128 %*	*25-150*
Surrogate: M4PFHpA	*144 %*	*25-150*
Surrogate: M3PFHxS	*126 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*133 %*	*25-150*
Surrogate: M6PFDA	*118 %*	*25-150*

Sample Information

Client Sample ID: Comp 01 **York Sample ID:** 24H0600-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Soil	August 8, 2024 10:45 am	08/08/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M7PFUdA	*149 %*			*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*99.9 %*			*25-150*						
	Surrogate: M2PFTeDA	*84.8 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*7.52 %*	PFSu-L		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*102 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*105 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*177 %*	PFSu-H		*10-150*						
	Surrogate: d3-N-MeFOSAA	*179 %*	PFSu-H		*25-150*						
	Surrogate: d5-N-EtFOSAA	*241 %*	PFSu-H		*25-150*						
	Surrogate: M2-6:2 FTS	*185 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*196 %*			*25-200*						
	Surrogate: M9PFNA	*107 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*161 %*	PFSu-H		*25-150*						
	Surrogate: d-N-MeFOSA	*79.6 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*72.1 %*			*25-150*						
	Surrogate: M3HFPO-DA	*109 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*109 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*108 %*			*25-150*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0349	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp 01 **York Sample ID:** 24H0600-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Soil	August 8, 2024 10:45 am	08/08/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.175	5	EPA 8081B	08/09/2024 08:47	08/09/2024 20:24	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A	08/09/2024 08:47	08/10/2024 00:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A	08/09/2024 08:47	08/10/2024 00:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A	08/09/2024 08:47	08/10/2024 00:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A	08/09/2024 08:47	08/10/2024 00:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp 01 **York Sample ID:** 24H0600-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Soil	August 8, 2024 10:45 am	08/08/2024

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A	08/09/2024 08:47	08/10/2024 00:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	1	EPA 8082A	08/09/2024 08:47	08/10/2024 00:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A	08/09/2024 08:47	08/10/2024 00:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A	08/09/2024 08:47	08/10/2024 00:23	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5460**		mg/kg dry	4.42	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.21	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.51**		mg/kg dry	1.33	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**23.3**		mg/kg dry	2.21	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.142**		mg/kg dry	0.045	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.265	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3380**		mg/kg dry	4.42	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**8.43**		mg/kg dry	0.443	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.94**		mg/kg dry	0.353	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**10.0**		mg/kg dry	1.77	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**7440**		mg/kg dry	22.1	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**7.30**		mg/kg dry	0.443	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2620**		mg/kg dry	4.43	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp 01 **York Sample ID:** 24H0600-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Soil	August 8, 2024 10:45 am	08/08/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**125**		mg/kg dry	0.443	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.8**		mg/kg dry	0.881	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1270**		mg/kg dry	4.43	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.21	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.446	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**394**		mg/kg dry	44.2	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.21	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**17.3**		mg/kg dry	0.881	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**29.5**		mg/kg dry	2.20	1	EPA 6010D	08/11/2024 09:21	08/12/2024 17:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0318	1	EPA 7473	08/10/2024 08:25	08/12/2024 10:31	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.2**		%	0.100	1	SM 2540G	08/09/2024 12:25	08/09/2024 14:59	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab 01 **York Sample ID:** 24H0600-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Soil	August 8, 2024 10:38 am	08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.063	0.13	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab 01 **York Sample ID:** 24H0600-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Soil	August 8, 2024 10:38 am	08/08/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0063	0.013	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab 01 **York Sample ID:** 24H0600-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Soil	August 8, 2024 10:38 am	08/08/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab 01 **York Sample ID:** 24H0600-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Soil	August 8, 2024 10:38 am	08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0094	0.019	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:09	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.7 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.9**		%	0.100	1	SM 2540G	08/13/2024 18:48	08/13/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab 02 **York Sample ID:** 24H0600-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Soil	August 8, 2024 10:40 am	08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab 02 **York Sample ID:** 24H0600-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Soil	August 8, 2024 10:40 am	08/08/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0060	0.012	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab 02 **York Sample ID:** 24H0600-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Soil	August 8, 2024 10:40 am	08/08/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab 02 **York Sample ID:** 24H0600-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Soil	August 8, 2024 10:40 am	08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0090	0.018	1	EPA 8260D	08/09/2024 10:57	08/09/2024 18:37	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.5**		%	0.100	1	SM 2540G	08/13/2024 18:48	08/13/2024 18:49	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24H0600-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Water	August 8, 2024 10:45 am	08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CAL-E	ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24H0600-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Water	August 8, 2024 10:45 am	08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24H0600-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Water	August 8, 2024 10:45 am	08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE, QL-02	ug/L	0.50	1.0	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24H0600-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0600	100688801	Water	August 8, 2024 10:45 am	08/08/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	08/09/2024 10:00	08/09/2024 16:25	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.3 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*79-122*

Analytical Batch Summary

Batch ID: BH40589 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H0600-01	Comp 01	08/09/24

Batch ID: BH40609 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24H0600-01	Comp 01	08/09/24
24H0600-01	Comp 01	08/09/24
BH40609-BLK1	Blank	08/09/24
BH40609-BLK2	Blank	08/09/24
BH40609-BS1	LCS	08/09/24
BH40609-BS2	LCS	08/09/24

Batch ID: BH40613 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24H0600-01	Comp 01	08/09/24
BH40613-BLK1	Blank	08/09/24
BH40613-BS1	LCS	08/09/24

Batch ID: BH40639 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H0600-02	Grab 01	08/09/24
24H0600-03	Grab 02	08/09/24
BH40639-BLK1	Blank	08/09/24
BH40639-BS1	LCS	08/09/24
BH40639-BSD1	LCS Dup	08/09/24

Batch ID: BH40652 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H0600-04	Trip Blank	08/09/24
BH40652-BLK1	Blank	08/09/24
BH40652-BS1	LCS	08/09/24
BH40652-BSD1	LCS Dup	08/09/24

Batch ID: BH40673 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H0600-01	Comp 01	08/10/24
BH40673-BLK1	Blank	08/10/24
BH40673-SRM1	Reference	08/10/24

Batch ID: BH40692 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24H0600-01	Comp 01	08/11/24
BH40692-BLK1	Blank	08/11/24
BH40692-SRM1	Reference	08/11/24

Batch ID: BH40856 **Preparation Method:** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H0600-02	Grab 01	08/13/24
24H0600-03	Grab 02	08/13/24

Batch ID: BH40928 **Preparation Method:** EPA 1633 Prep **Prepared By:** SAB

YORK Sample ID	Client Sample ID	Preparation Date
24H0600-01	Comp 01	08/14/24
BH40928-BLK1	Blank	08/14/24
BH40928-BS1	LCS	08/14/24
BH40928-BS2	LCS	08/14/24
BH40928-DUP1	Duplicate	08/14/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40639 - EPA 5035A											
Blank (BH40639-BLK1) Blank									Prepared & Analyzed: 08/09/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40639 - EPA 5035A											
Blank (BH40639-BLK1) Blank								Prepared & Analyzed: 08/09/2024			
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.1*		*ug/L*	*50.0*		*98.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.6*		*"*	*50.0*		*109*	*76-130*				
LCS (BH40639-BS1) LCS								Prepared & Analyzed: 08/09/2024			
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	47		"	50.0		94.2	71-137				
1,1,2,2-Tetrachloroethane	50		"	50.0		99.2	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44		"	50.0		88.9	58-146				
1,1,2-Trichloroethane	48		"	50.0		96.4	83-123				
1,1-Dichloroethane	48		"	50.0		95.2	75-130				
1,1-Dichloroethylene	43		"	50.0		86.9	64-137				
1,2,3-Trichlorobenzene	49		"	50.0		97.7	81-140				
1,2,3-Trichloropropane	46		"	50.0		91.1	81-126				
1,2,4-Trichlorobenzene	51		"	50.0		101	80-141				
1,2,4-Trimethylbenzene	52		"	50.0		104	84-125				
1,2-Dibromo-3-chloropropane	42		"	50.0		85.0	74-142				
1,2-Dibromoethane	48		"	50.0		95.4	86-123				
1,2-Dichlorobenzene	50		"	50.0		99.1	85-122				
1,2-Dichloroethane	49		"	50.0		97.5	71-133				
1,2-Dichloropropane	48		"	50.0		95.9	81-122				
1,3,5-Trimethylbenzene	51		"	50.0		102	82-126				
1,3-Dichlorobenzene	49		"	50.0		98.3	84-124				
1,4-Dichlorobenzene	50		"	50.0		99.6	84-124				
1,4-Dioxane	920		"	1050		87.5	10-228				
2-Butanone	44		"	50.0		87.4	58-147				
2-Hexanone	43		"	50.0		85.1	70-139				
4-Methyl-2-pentanone	46		"	50.0		92.0	72-132				
Acetone	34		"	50.0		68.2	36-155				
Acrolein	18		"	50.0		36.1	10-238				
Acrylonitrile	60		"	50.0		119	66-141				
Benzene	50		"	50.0		99.3	77-127				
Bromochloromethane	49		"	50.0		98.7	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40639 - EPA 5035A											
LCS (BH40639-BS1) LCS							Prepared & Analyzed: 08/09/2024				
Bromodichloromethane	49		ug/L	50.0		97.4	81-124				
Bromoform	47		"	50.0		94.1	80-136				
Bromomethane	43		"	50.0		86.6	32-177				
Carbon disulfide	43		"	50.0		87.0	10-136				
Carbon tetrachloride	47		"	50.0		93.6	66-143				
Chlorobenzene	48		"	50.0		96.6	86-120				
Chloroethane	40		"	50.0		80.7	51-142				
Chloroform	48		"	50.0		95.6	76-131				
Chloromethane	30		"	50.0		59.6	49-132				
cis-1,2-Dichloroethylene	46		"	50.0		92.6	74-132				
cis-1,3-Dichloropropylene	47		"	50.0		94.1	81-129				
Cyclohexane	44		"	50.0		87.5	70-130				
Dibromochloromethane	49		"	50.0		98.2	10-200				
Dibromomethane	47		"	50.0		93.5	83-124				
Dichlorodifluoromethane	16		"	50.0		31.4	28-158				
Ethyl Benzene	50		"	50.0		100	84-125				
Hexachlorobutadiene	48		"	50.0		97.0	83-133				
Isopropylbenzene	51		"	50.0		102	81-127				
Methyl acetate	37		"	50.0		73.7	41-143				
Methyl tert-butyl ether (MTBE)	45		"	50.0		90.7	74-131				
Methylcyclohexane	44		"	50.0		88.1	70-130				
Methylene chloride	46		"	50.0		91.4	57-141				
n-Butylbenzene	52		"	50.0		104	80-130				
n-Propylbenzene	51		"	50.0		101	74-136				
o-Xylene	48		"	50.0		96.9	83-123				
p- & m- Xylenes	96		"	100		95.9	82-128				
p-Isopropyltoluene	51		"	50.0		103	85-125				
sec-Butylbenzene	50		"	50.0		100	83-125				
Styrene	51		"	50.0		102	86-126				
tert-Butyl alcohol (TBA)	140		"	250		55.2	70-130	Low Bias			
tert-Butylbenzene	50		"	50.0		99.2	80-127				
Tetrachloroethylene	44		"	50.0		88.6	80-129				
Toluene	49		"	50.0		98.4	85-121				
trans-1,2-Dichloroethylene	46		"	50.0		91.5	72-132				
trans-1,3-Dichloropropylene	47		"	50.0		93.1	78-132				
trans-1,4-dichloro-2-butene	49		"	50.0		98.3	75-135				
Trichloroethylene	49		"	50.0		97.9	84-123				
Trichlorofluoromethane	40		"	50.0		79.0	62-140				
Vinyl Chloride	36		"	50.0		71.2	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.0*		*"*	*50.0*		*94.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.4*		*"*	*50.0*		*94.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.6*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BH40639 - EPA 5035A

LCS Dup (BH40639-BSD1) LCS Dup — Prepared & Analyzed: 08/09/2024

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		110	75-129		8.83	30	
1,1,1-Trichloroethane	51		"	50.0		102	71-137		7.64	30	
1,1,2,2-Tetrachloroethane	52		"	50.0		103	79-129		4.18	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0		93.8	58-146		5.43	30	
1,1,2-Trichloroethane	57		"	50.0		114	83-123		16.8	30	
1,1-Dichloroethane	54		"	50.0		108	75-130		12.5	30	
1,1-Dichloroethylene	49		"	50.0		97.0	64-137		11.0	30	
1,2,3-Trichlorobenzene	53		"	50.0		106	81-140		8.11	30	
1,2,3-Trichloropropane	55		"	50.0		110	81-126		18.8	30	
1,2,4-Trichlorobenzene	53		"	50.0		107	80-141		5.21	30	
1,2,4-Trimethylbenzene	55		"	50.0		110	84-125		5.41	30	
1,2-Dibromo-3-chloropropane	47		"	50.0		94.1	74-142		10.2	30	
1,2-Dibromoethane	55		"	50.0		110	86-123		13.9	30	
1,2-Dichlorobenzene	53		"	50.0		106	85-122		6.57	30	
1,2-Dichloroethane	57		"	50.0		115	71-133		16.1	30	
1,2-Dichloropropane	54		"	50.0		108	81-122		12.1	30	
1,3,5-Trimethylbenzene	54		"	50.0		108	82-126		5.56	30	
1,3-Dichlorobenzene	53		"	50.0		106	84-124		7.69	30	
1,4-Dichlorobenzene	52		"	50.0		105	84-124		5.13	30	
1,4-Dioxane	1100		"	1050		103	10-228		16.6	30	
2-Butanone	55		"	50.0		111	58-147		23.4	30	
2-Hexanone	49		"	50.0		98.5	70-139		14.6	30	
4-Methyl-2-pentanone	52		"	50.0		105	72-132		12.8	30	
Acetone	45		"	50.0		89.4	36-155		26.8	30	
Acrolein	21		"	50.0		41.8	10-238		14.7	30	
Acrylonitrile	65		"	50.0		130	66-141		8.57	30	
Benzene	55		"	50.0		111	77-127		11.0	30	
Bromochloromethane	56		"	50.0		112	74-129		12.9	30	
Bromodichloromethane	54		"	50.0		108	81-124		10.7	30	
Bromoform	54		"	50.0		107	80-136		12.8	30	
Bromomethane	47		"	50.0		93.7	32-177		7.87	30	
Carbon disulfide	47		"	50.0		93.5	10-136		7.23	30	
Carbon tetrachloride	52		"	50.0		104	66-143		10.7	30	
Chlorobenzene	53		"	50.0		107	86-120		9.83	30	
Chloroethane	38		"	50.0		76.5	51-142		5.37	30	
Chloroform	57		"	50.0		113	76-131		16.8	30	
Chloromethane	30		"	50.0		59.2	49-132		0.741	30	
cis-1,2-Dichloroethylene	60		"	50.0		120	74-132		25.7	30	
cis-1,3-Dichloropropylene	53		"	50.0		106	81-129		12.1	30	
Cyclohexane	48		"	50.0		96.3	70-130		9.58	30	
Dibromochloromethane	54		"	50.0		109	10-200		10.2	30	
Dibromomethane	53		"	50.0		106	83-124		12.8	30	
Dichlorodifluoromethane	14		"	50.0		28.4	28-158		10.2	30	
Ethyl Benzene	56		"	50.0		113	84-125		11.9	30	
Hexachlorobutadiene	52		"	50.0		104	83-133		7.14	30	
Isopropylbenzene	54		"	50.0		108	81-127		5.96	30	
Methyl acetate	46		"	50.0		92.4	41-143		22.6	30	
Methyl tert-butyl ether (MTBE)	52		"	50.0		105	74-131		14.4	30	
Methylcyclohexane	48		"	50.0		95.7	70-130		8.31	30	
Methylene chloride	53		"	50.0		106	57-141		14.5	30	
n-Butylbenzene	56		"	50.0		112	80-130		7.45	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40639 - EPA 5035A											
LCS Dup (BH40639-BSD1) LCS Dup								Prepared & Analyzed: 08/09/2024			
n-Propylbenzene	53		ug/L	50.0		106	74-136		4.97	30	
o-Xylene	54		"	50.0		109	83-123		11.5	30	
p- & m- Xylenes	110		"	100		107	82-128		11.1	30	
p-Isopropyltoluene	55		"	50.0		109	85-125		6.20	30	
sec-Butylbenzene	53		"	50.0		106	83-125		5.73	30	
Styrene	59		"	50.0		117	86-126		13.4	30	
tert-Butyl alcohol (TBA)	170		"	250		66.8	70-130	Low Bias	19.1	30	
tert-Butylbenzene	51		"	50.0		102	80-127		3.14	30	
Tetrachloroethylene	49		"	50.0		97.6	80-129		9.69	30	
Toluene	54		"	50.0		107	85-121		8.69	30	
trans-1,2-Dichloroethylene	50		"	50.0		99.8	72-132		8.61	30	
trans-1,3-Dichloropropylene	51		"	50.0		103	78-132		9.67	30	
trans-1,4-dichloro-2-butene	54		"	50.0		108	75-135		9.00	30	
Trichloroethylene	55		"	50.0		110	84-123		11.4	30	
Trichlorofluoromethane	43		"	50.0		85.7	62-140		8.16	30	
Vinyl Chloride	35		"	50.0		69.1	52-130		3.00	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.1*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.8*	*76-130*				
Batch BH40652 - EPA 5030B											
Blank (BH40652-BLK1) Blank								Prepared & Analyzed: 08/09/2024			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.33	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40652 - EPA 5030B											
Blank (BH40652-BLK1) Blank								Prepared & Analyzed: 08/09/2024			
Bromodichloromethane	ND	0.50	ug/L								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.71*		*"*	*10.0*		*97.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.73*		*"*	*10.0*		*97.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40652 - EPA 5030B											
LCS (BH40652-BS1) LCS							Prepared & Analyzed: 08/09/2024				
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		106	82-126				
1,1,1-Trichloroethane	10		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		114	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.4		"	10.0		93.8	54-165				
1,1,2-Trichloroethane	10		"	10.0		101	82-123				
1,1-Dichloroethane	9.9		"	10.0		98.8	82-129				
1,1-Dichloroethylene	9.5		"	10.0		95.0	68-138				
1,2,3-Trichlorobenzene	9.3		"	10.0		92.9	40-130				
1,2,3-Trichloropropane	12		"	10.0		121	77-128				
1,2,4-Trichlorobenzene	8.6		"	10.0		86.5	65-137				
1,2,4-Trimethylbenzene	12		"	10.0		115	82-132				
1,2-Dibromo-3-chloropropane	11		"	10.0		112	45-147				
1,2-Dibromoethane	9.9		"	10.0		99.2	83-124				
1,2-Dichlorobenzene	11		"	10.0		108	79-123				
1,2-Dichloroethane	10		"	10.0		99.9	73-132				
1,2-Dichloropropane	9.9		"	10.0		98.8	78-126				
1,3,5-Trimethylbenzene	12		"	10.0		116	80-131				
1,3-Dichlorobenzene	11		"	10.0		108	86-130				
1,4-Dichlorobenzene	11		"	10.0		107	85-130				
1,4-Dioxane	180		"	210		86.4	10-349				
2-Butanone	10		"	10.0		101	49-152				
2-Hexanone	8.6		"	10.0		86.0	51-146				
4-Methyl-2-pentanone	7.5		"	10.0		75.1	57-145				
Acetone	11		"	10.0		107	14-150				
Acrolein	3.2		"	10.0		31.7	10-153				
Acrylonitrile	8.2		"	10.0		82.3	51-150				
Benzene	11		"	10.0		109	85-126				
Bromochloromethane	9.4		"	10.0		94.5	77-128				
Bromodichloromethane	10		"	10.0		100	79-128				
Bromoform	9.0		"	10.0		90.4	78-133				
Bromomethane	7.1		"	10.0		70.8	43-168				
Carbon disulfide	8.3		"	10.0		83.2	68-146				
Carbon tetrachloride	11		"	10.0		109	77-141				
Chlorobenzene	10		"	10.0		101	88-120				
Chloroethane	7.8		"	10.0		78.3	65-136				
Chloroform	11		"	10.0		107	82-128				
Chloromethane	5.2		"	10.0		52.5	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		105	83-129				
cis-1,3-Dichloropropylene	9.6		"	10.0		95.9	80-131				
Cyclohexane	7.9		"	10.0		78.6	63-149				
Dibromochloromethane	10		"	10.0		101	80-130				
Dibromomethane	9.4		"	10.0		93.6	72-134				
Dichlorodifluoromethane	2.6		"	10.0		26.2	44-144	Low Bias			
Ethyl Benzene	11		"	10.0		106	80-131				
Hexachlorobutadiene	8.2		"	10.0		81.7	67-146				
Isopropylbenzene	12		"	10.0		122	76-140				
Methyl acetate	8.9		"	10.0		89.2	51-139				
Methyl tert-butyl ether (MTBE)	12		"	10.0		122	76-135				
Methylcyclohexane	9.0		"	10.0		90.4	72-143				
Methylene chloride	9.5		"	10.0		95.1	55-137				
n-Butylbenzene	11		"	10.0		108	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40652 - EPA 5030B											
LCS (BH40652-BS1) LCS							Prepared & Analyzed: 08/09/2024				
n-Propylbenzene	12		ug/L	10.0		117	78-133				
o-Xylene	10		"	10.0		101	78-130				
p- & m- Xylenes	21		"	20.0		104	77-133				
p-Isopropyltoluene	12		"	10.0		115	81-136				
sec-Butylbenzene	11		"	10.0		113	79-137				
Styrene	11		"	10.0		106	67-132				
tert-Butyl alcohol (TBA)	7.2		"	50.0		14.5	25-162	Low Bias			
tert-Butylbenzene	10		"	10.0		105	77-138				
Tetrachloroethylene	10		"	10.0		99.5	82-131				
Toluene	10		"	10.0		102	80-127				
trans-1,2-Dichloroethylene	9.9		"	10.0		99.1	80-132				
trans-1,3-Dichloropropylene	9.7		"	10.0		96.6	78-131				
trans-1,4-dichloro-2-butene	11		"	10.0		108	63-141				
Trichloroethylene	10		"	10.0		99.8	82-128				
Trichlorofluoromethane	7.4		"	10.0		73.7	67-139				
Vinyl Chloride	5.8		"	10.0		57.8	58-145	Low Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.41*		*"*	*10.0*		*94.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.79*		*"*	*10.0*		*97.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				
LCS Dup (BH40652-BSD1) LCS Dup							Prepared & Analyzed: 08/09/2024				
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		101	82-126		4.26	30	
1,1,1-Trichloroethane	10		"	10.0		102	78-136		1.36	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		108	76-129		5.52	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		102	54-165		7.89	30	
1,1,2-Trichloroethane	9.5		"	10.0		95.3	82-123		5.91	30	
1,1-Dichloroethane	9.9		"	10.0		99.1	82-129		0.303	30	
1,1-Dichloroethylene	10		"	10.0		101	68-138		5.73	30	
1,2,3-Trichlorobenzene	8.9		"	10.0		89.0	40-130		4.29	30	
1,2,3-Trichloropropane	11		"	10.0		108	77-128		12.1	30	
1,2,4-Trichlorobenzene	8.9		"	10.0		88.8	65-137		2.62	30	
1,2,4-Trimethylbenzene	11		"	10.0		106	82-132		8.22	30	
1,2-Dibromo-3-chloropropane	9.0		"	10.0		90.2	45-147		21.3	30	
1,2-Dibromoethane	9.8		"	10.0		97.6	83-124		1.63	30	
1,2-Dichlorobenzene	9.9		"	10.0		99.4	79-123		8.11	30	
1,2-Dichloroethane	9.9		"	10.0		99.2	73-132		0.703	30	
1,2-Dichloropropane	9.6		"	10.0		96.5	78-126		2.36	30	
1,3,5-Trimethylbenzene	11		"	10.0		105	80-131		9.33	30	
1,3-Dichlorobenzene	10		"	10.0		100	86-130		7.96	30	
1,4-Dichlorobenzene	9.8		"	10.0		98.0	85-130		8.50	30	
1,4-Dioxane	170		"	210		81.1	10-349		6.35	30	
2-Butanone	9.3		"	10.0		92.8	49-152		8.56	30	
2-Hexanone	8.7		"	10.0		87.4	51-146		1.61	30	
4-Methyl-2-pentanone	7.7		"	10.0		77.1	57-145		2.63	30	
Acetone	10		"	10.0		104	14-150		3.12	30	
Acrolein	5.7		"	10.0		56.9	10-153		56.9	30	Non-dir.
Acrylonitrile	9.0		"	10.0		90.5	51-150		9.49	30	
Benzene	11		"	10.0		107	85-126		1.58	30	
Bromochloromethane	9.5		"	10.0		94.8	77-128		0.317	30	
Bromodichloromethane	9.4		"	10.0		93.6	79-128		6.71	30	
Bromoform	8.7		"	10.0		87.4	78-133		3.37	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40652 - EPA 5030B											
LCS Dup (BH40652-BSD1) LCS Dup							Prepared & Analyzed: 08/09/2024				
Bromomethane	7.9		ug/L	10.0		78.6	43-168		10.4	30	
Carbon disulfide	9.3		"	10.0		93.1	68-146		11.2	30	
Carbon tetrachloride	11		"	10.0		106	77-141		3.07	30	
Chlorobenzene	9.8		"	10.0		97.8	88-120		3.22	30	
Chloroethane	8.6		"	10.0		85.5	65-136		8.79	30	
Chloroform	10		"	10.0		104	82-128		2.74	30	
Chloromethane	6.3		"	10.0		62.6	43-155		17.5	30	
cis-1,2-Dichloroethylene	10		"	10.0		104	83-129		1.15	30	
cis-1,3-Dichloropropylene	9.3		"	10.0		92.6	80-131		3.50	30	
Cyclohexane	8.2		"	10.0		81.6	63-149		3.75	30	
Dibromochloromethane	9.7		"	10.0		97.2	80-130		3.93	30	
Dibromomethane	9.0		"	10.0		90.5	72-134		3.37	30	
Dichlorodifluoromethane	4.2		"	10.0		41.6	44-144	Low Bias	45.4	30	Non-dir.
Ethyl Benzene	10		"	10.0		101	80-131		4.35	30	
Hexachlorobutadiene	8.3		"	10.0		82.6	67-146		1.10	30	
Isopropylbenzene	11		"	10.0		109	76-140		10.9	30	
Methyl acetate	9.9		"	10.0		98.7	51-139		10.1	30	
Methyl tert-butyl ether (MTBE)	12		"	10.0		119	76-135		2.65	30	
Methylcyclohexane	9.0		"	10.0		89.8	72-143		0.666	30	
Methylene chloride	9.5		"	10.0		95.2	55-137		0.105	30	
n-Butylbenzene	10		"	10.0		101	79-132		6.33	30	
n-Propylbenzene	11		"	10.0		106	78-133		10.5	30	
o-Xylene	9.8		"	10.0		98.1	78-130		3.21	30	
p- & m- Xylenes	20		"	20.0		100	77-133		4.15	30	
p-Isopropyltoluene	11		"	10.0		106	81-136		8.33	30	
sec-Butylbenzene	10		"	10.0		103	79-137		9.16	30	
Styrene	10		"	10.0		103	67-132		2.86	30	
tert-Butyl alcohol (TBA)	8.0		"	50.0		16.1	25-162	Low Bias	10.3	30	
tert-Butylbenzene	9.5		"	10.0		95.2	77-138		9.50	30	
Tetrachloroethylene	9.6		"	10.0		95.9	82-131		3.68	30	
Toluene	9.8		"	10.0		98.3	80-127		4.18	30	
trans-1,2-Dichloroethylene	10		"	10.0		101	80-132		1.70	30	
trans-1,3-Dichloropropylene	9.2		"	10.0		91.7	78-131		5.20	30	
trans-1,4-dichloro-2-butene	10		"	10.0		101	63-141		6.80	30	
Trichloroethylene	9.4		"	10.0		94.5	82-128		5.46	30	
Trichlorofluoromethane	8.4		"	10.0		83.8	67-139		12.8	30	
Vinyl Chloride	6.8		"	10.0		68.1	58-145		16.4	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.77*		*"*	*10.0*		*97.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.64*		*"*	*10.0*		*96.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40613 - EPA 3550C											
Blank (BH40613-BLK1) Blank									Prepared: 08/09/2024 Analyzed: 08/12/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40613 - EPA 3550C											
Blank (BH40613-BLK1) Blank									Prepared: 08/09/2024 Analyzed: 08/12/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.52*		"	*1.66*		*91.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.50*		"	*1.66*		*90.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.855*		"	*0.831*		*103*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.840*		"	*0.831*		*101*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.85*		"	*1.66*		*112*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.879*		"	*0.831*		*106*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40613 - EPA 3550C											
LCS (BH40613-BS1) LCS								Prepared: 08/09/2024 Analyzed: 08/12/2024			
1,1-Biphenyl	0.876	0.0416	mg/kg wet	0.831		106	18-111				
1,2,4,5-Tetrachlorobenzene	0.834	0.0830	"	0.831		100	21-131				
1,2,4-Trichlorobenzene	0.797	0.0416	"	0.831		95.9	10-140				
1,2-Dichlorobenzene	0.748	0.0416	"	0.831		90.0	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.885	0.0416	"	0.831		107	17-137				
1,3-Dichlorobenzene	0.768	0.0416	"	0.831		92.5	33-110				
1,4-Dichlorobenzene	0.813	0.0416	"	0.831		97.8	32-104				
2,3,4,6-Tetrachlorophenol	1.12	0.0830	"	0.831		135	30-130	High Bias			
2,4,5-Trichlorophenol	0.882	0.0416	"	0.831		106	27-118				
2,4,6-Trichlorophenol	0.946	0.0416	"	0.831		114	31-120				
2,4-Dichlorophenol	0.852	0.0416	"	0.831		103	20-127				
2,4-Dimethylphenol	0.708	0.0416	"	0.831		85.3	14-132				
2,4-Dinitrophenol	1.28	0.0830	"	0.831		155	10-171				
2,4-Dinitrotoluene	1.01	0.0416	"	0.831		122	34-131				
2,6-Dinitrotoluene	0.970	0.0416	"	0.831		117	31-128				
2-Chloronaphthalene	0.834	0.0416	"	0.831		100	31-117				
2-Chlorophenol	0.837	0.0416	"	0.831		101	33-113				
2-Methylnaphthalene	0.861	0.0416	"	0.831		104	12-138				
2-Methylphenol	0.853	0.0416	"	0.831		103	10-136				
2-Nitroaniline	1.01	0.0830	"	0.831		121	27-132				
2-Nitrophenol	0.889	0.0416	"	0.831		107	17-129				
3- & 4-Methylphenols	0.756	0.0416	"	0.831		91.0	29-103				
3,3-Dichlorobenzidine	2.60	0.0416	"	0.831		313	22-149	High Bias			
3-Nitroaniline	1.05	0.0830	"	0.831		126	20-133				
4,6-Dinitro-2-methylphenol	1.22	0.0830	"	0.831		147	10-143	High Bias			
4-Bromophenyl phenyl ether	0.863	0.0416	"	0.831		104	29-120				
4-Chloro-3-methylphenol	0.915	0.0416	"	0.831		110	24-129				
4-Chloroaniline	0.856	0.0416	"	0.831		103	10-132				
4-Chlorophenyl phenyl ether	0.844	0.0416	"	0.831		102	27-124				
4-Nitroaniline	0.996	0.0830	"	0.831		120	16-128				
4-Nitrophenol	1.06	0.0830	"	0.831		128	10-141				
Acenaphthene	0.822	0.0416	"	0.831		99.0	30-121				
Acenaphthylene	0.793	0.0416	"	0.831		95.4	30-115				
Acetophenone	0.971	0.0416	"	0.831		117	20-112	High Bias			
Aniline	0.562	0.166	"	0.831		67.7	10-119				
Anthracene	0.846	0.0416	"	0.831		102	34-118				
Atrazine	0.997	0.0416	"	0.831		120	26-112	High Bias			
Benzaldehyde	0.539	0.0416	"	0.831		64.9	21-100				
Benzo(a)anthracene	0.932	0.0416	"	0.831		112	32-122				
Benzo(a)pyrene	0.988	0.0416	"	0.831		119	29-133				
Benzo(b)fluoranthene	0.950	0.0416	"	0.831		114	25-133				
Benzo(g,h,i)perylene	0.965	0.0416	"	0.831		116	10-143				
Benzo(k)fluoranthene	0.989	0.0416	"	0.831		119	25-128				
Benzoic acid	0.990	0.0416	"	0.831		119	10-140				
Benzyl alcohol	0.864	0.0416	"	0.831		104	30-115				
Benzyl butyl phthalate	0.927	0.0416	"	0.831		112	26-126				
Bis(2-chloroethoxy)methane	0.831	0.0416	"	0.831		100	19-132				
Bis(2-chloroethyl)ether	0.799	0.0416	"	0.831		96.2	19-125				
Bis(2-chloroisopropyl)ether	0.855	0.0416	"	0.831		103	20-135				
Bis(2-ethylhexyl)phthalate	0.920	0.0416	"	0.831		111	10-155				
Caprolactam	1.13	0.0830	"	0.831		135	10-127	High Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40613 - EPA 3550C											
LCS (BH40613-BS1) LCS								Prepared: 08/09/2024 Analyzed: 08/12/2024			
Carbazole	0.911	0.0416	mg/kg wet	0.831		110	35-123				
Chrysene	0.894	0.0416	"	0.831		108	32-123				
Dibenzo(a,h)anthracene	1.06	0.0416	"	0.831		127	10-136				
Dibenzofuran	0.859	0.0416	"	0.831		103	29-121				
Diethyl phthalate	0.872	0.0416	"	0.831		105	34-116				
Dimethyl phthalate	0.851	0.0416	"	0.831		103	35-124				
Di-n-butyl phthalate	0.920	0.0416	"	0.831		111	31-116				
Di-n-octyl phthalate	0.970	0.0416	"	0.831		117	26-136				
Diphenylamine	0.999	0.0830	"	0.831		120	40-140				
Fluoranthene	0.888	0.0416	"	0.831		107	33-122				
Fluorene	0.868	0.0416	"	0.831		105	29-123				
Hexachlorobenzene	0.846	0.0416	"	0.831		102	21-124				
Hexachlorobutadiene	0.793	0.0416	"	0.831		95.4	10-149				
Hexachlorocyclopentadiene	0.535	0.0416	"	0.831		64.4	10-129				
Hexachloroethane	0.783	0.0416	"	0.831		94.2	28-108				
Indeno(1,2,3-cd)pyrene	1.27	0.0416	"	0.831		153	10-135	High Bias			
Isophorone	0.891	0.0416	"	0.831		107	20-132				
Naphthalene	0.849	0.0416	"	0.831		102	23-124				
Nitrobenzene	0.840	0.0416	"	0.831		101	13-132				
N-Nitrosodimethylamine	0.779	0.0416	"	0.831		93.8	11-129				
N-nitroso-di-n-propylamine	0.807	0.0416	"	0.831		97.1	24-119				
N-Nitrosodiphenylamine	1.00	0.0416	"	0.831		121	22-152				
Pentachlorophenol	1.07	0.0416	"	0.831		128	10-139				
Phenanthrene	0.874	0.0416	"	0.831		105	33-123				
Phenol	0.823	0.0416	"	0.831		99.0	23-115				
Pyrene	0.882	0.0416	"	0.831		106	32-130				
Surrogate: SURR: 2-Fluorophenol	*1.56*		"	*1.66*		*94.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.56*		"	*1.66*		*93.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.852*		"	*0.831*		*103*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.850*		"	*0.831*		*102*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.99*		"	*1.66*		*120*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.905*		"	*0.831*		*109*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40928 - EPA 1633 Prep											
Blank (BH40928-BLK1) Blank									Prepared: 08/14/2024 Analyzed: 08/15/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.399	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.758	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.766	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.798	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.399	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.399	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.399	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.749	"								
HFPO-DA (Gen-X)	ND	0.798	"								
11CL-PF3OUdS	ND	0.754	"								
9CL-PF3ONS	ND	0.747	"								
ADONA	ND	0.754	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.998	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.99	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.99	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*3.93*		"	*2.33*		*169*	*25-150*				
Surrogate: M5PFHxA	*3.35*		"	*2.50*		*134*	*25-150*				
Surrogate: M4PFHpA	*3.69*		"	*2.50*		*148*	*25-150*				
Surrogate: M3PFHxS	*3.28*		"	*2.37*		*139*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.94*		"	*2.50*		*118*	*25-150*				
Surrogate: M6PFDA	*1.28*		"	*1.25*		*103*	*25-150*				
Surrogate: M7PFUdA	*1.26*		"	*1.25*		*101*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.795*		"	*1.25*		*63.7*	*25-150*				
Surrogate: M2PFTeDA	*0.735*		"	*1.25*		*59.0*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40928 - EPA 1633 Prep											
Blank (BH40928-BLK1) Blank								Prepared: 08/14/2024 Analyzed: 08/15/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.04*		*ug/kg wet*	*9.98*		*10.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		*"*	*2.39*		*97.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.76*		*"*	*4.99*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*4.08*		*"*	*2.50*		*163*	*10-150*				
Surrogate: d3-N-MeFOSAA	*8.60*		*"*	*4.99*		*172*	*25-150*				
Surrogate: d5-N-EtFOSAA	*10.4*		*"*	*4.99*		*208*	*25-150*				
Surrogate: M2-6:2 FTS	*8.43*		*"*	*4.75*		*178*	*25-200*				
Surrogate: M2-8:2 FTS	*1.12*		*"*	*4.79*		*23.3*	*25-200*				
Surrogate: M9PFNA	*1.66*		*"*	*1.25*		*133*	*25-150*				
Surrogate: M2-4:2 FTS	*9.07*		*"*	*4.68*		*194*	*25-150*				
Surrogate: d-N-MeFOSA	*1.39*		*"*	*2.50*		*55.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.62*		*"*	*2.50*		*65.1*	*25-150*				
Surrogate: M3HFPO-DA	*8.42*		*"*	*9.98*		*84.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*16.9*		*"*	*25.0*		*67.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.3*		*"*	*25.0*		*77.5*	*25-150*				
LCS (BH40928-BS1) LCS								Prepared: 08/14/2024 Analyzed: 08/15/2024			
Perfluorobutanesulfonic acid (PFBS)	3.44	0.176	ug/kg wet	3.53		97.4	50-150				
Perfluorohexanoic acid (PFHxA)	3.84	0.199	"	3.98		96.5	50-150				
Perfluoroheptanoic acid (PFHpA)	4.13	0.199	"	3.98		104	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.37	0.182	"	3.65		92.4	50-150				
Perfluorooctanoic acid (PFOA)	3.72	0.199	"	3.98		93.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.31	0.185	"	3.71		89.5	50-150				
Perfluorononanoic acid (PFNA)	3.75	0.199	"	3.98		94.2	50-150				
Perfluorodecanoic acid (PFDA)	3.25	0.199	"	3.98		81.6	50-150				
Perfluoroundecanoic acid (PFUnA)	3.50	0.199	"	3.98		87.8	50-150				
Perfluorododecanoic acid (PFDoA)	3.52	0.199	"	3.98		88.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.91	0.199	"	3.98		98.2	50-150				
Perfluorotetradecanoic acid (PFTA)	4.13	0.199	"	3.98		104	50-150				
N-MeFOSAA	3.91	0.199	"	3.98		98.0	50-150				
N-EtFOSAA	3.69	0.199	"	3.98		92.6	50-150				
Perfluoropentanoic acid (PFPeA)	7.85	0.398	"	7.97		98.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.22	0.199	"	3.98		106	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.51	0.199	"	3.80		92.4	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.98	0.192	"	3.84		77.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.7	0.757	"	15.1		104	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.3	0.765	"	15.3		93.3	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.1	0.797	"	15.9		88.3	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	4.79	0.355	"	7.09		67.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.40	0.398	"	7.97		118	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.23	0.398	"	7.97		15.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	9.12	0.398	"	7.97		114	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.82	0.187	"	3.75		102	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.6	0.747	"	14.9		91.3	50-150				
HFPO-DA (Gen-X)	8.57	0.797	"	7.97		108	50-150				
11CL-PF3OUdS	5.42	0.753	"	7.53		71.9	50-150				
9CL-PF3ONS	6.70	0.745	"	7.45		89.9	50-150				
ADONA	10.1	0.753	"	7.53		134	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40928 - EPA 1633 Prep											
LCS (BH40928-BS1) LCS								Prepared: 08/14/2024 Analyzed: 08/15/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.80	0.193	ug/kg wet	3.86		72.4	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.57	0.191	"	3.82		93.4	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	6.81	0.996	"	15.9		42.8	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	53.3	4.98	"	79.7		66.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	66.9	4.98	"	79.7		84.0	50-150				
N-MeFOSE	40.2	1.99	"	39.8		101	50-150				
N-MeFOSA	4.03	0.199	"	3.98		101	50-150				
N-EtFOSE	37.2	1.99	"	39.8		93.5	50-150				
N-EtFOSA	4.05	0.199	"	3.98		102	50-150				
Surrogate: M3PFBS	*4.43*		*"*	*2.32*		*191*	*25-150*				
Surrogate: M5PFHxA	*3.60*		*"*	*2.49*		*144*	*25-150*				
Surrogate: M4PFHpA	*3.88*		*"*	*2.49*		*156*	*25-150*				
Surrogate: M3PFHxS	*3.90*		*"*	*2.36*		*165*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.36*		*"*	*2.49*		*135*	*25-150*				
Surrogate: M6PFDA	*1.46*		*"*	*1.25*		*117*	*25-150*				
Surrogate: M7PFUdA	*1.59*		*"*	*1.25*		*128*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.950*		*"*	*1.25*		*76.3*	*25-150*				
Surrogate: M2PFTeDA	*0.814*		*"*	*1.25*		*65.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.584*		*"*	*9.96*		*5.87*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.73*		*"*	*2.39*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.73*		*"*	*4.98*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*4.95*		*"*	*2.49*		*199*	*10-150*				
Surrogate: d3-N-MeFOSAA	*10.3*		*"*	*4.98*		*208*	*25-150*				
Surrogate: d5-N-EtFOSAA	*12.8*		*"*	*4.98*		*257*	*25-150*				
Surrogate: M2-6:2 FTS	*12.6*		*"*	*4.74*		*266*	*25-200*				
Surrogate: M2-8:2 FTS	*21.1*		*"*	*4.78*		*442*	*25-200*				
Surrogate: M9PFNA	*1.49*		*"*	*1.25*		*119*	*25-150*				
Surrogate: M2-4:2 FTS	*12.3*		*"*	*4.67*		*264*	*25-150*				
Surrogate: d-N-MeFOSA	*1.83*		*"*	*2.49*		*73.3*	*25-150*				
Surrogate: d-N-EtFOSA	*1.70*		*"*	*2.49*		*68.3*	*25-150*				
Surrogate: M3HFPO-DA	*9.99*		*"*	*9.96*		*100*	*25-150*				
Surrogate: d9-N-EtFOSE	*21.8*		*"*	*24.9*		*87.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*22.8*		*"*	*24.9*		*91.4*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40928 - EPA 1633 Prep											
LCS (BH40928-BS2) LCS								Prepared: 08/14/2024 Analyzed: 08/15/2024			
Perfluorobutanesulfonic acid (PFBS)	0.639	0.174	ug/kg wet	0.697		91.7	50-150				
Perfluorohexanoic acid (PFHxA)	0.658	0.197	"	0.787		83.6	50-150				
Perfluoroheptanoic acid (PFHpA)	0.710	0.197	"	0.787		90.2	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.578	0.180	"	0.720		80.2	50-150				
Perfluorooctanoic acid (PFOA)	0.686	0.197	"	0.787		87.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.562	0.183	"	0.732		76.7	50-150				
Perfluorononanoic acid (PFNA)	0.622	0.197	"	0.787		78.9	50-150				
Perfluorodecanoic acid (PFDA)	0.639	0.197	"	0.787		81.1	50-150				
Perfluoroundecanoic acid (PFUnA)	0.707	0.197	"	0.787		89.8	50-150				
Perfluorododecanoic acid (PFDoA)	0.748	0.197	"	0.787		95.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.626	0.197	"	0.787		79.6	50-150				
Perfluorotetradecanoic acid (PFTA)	0.600	0.197	"	0.787		76.2	50-150				
N-MeFOSAA	0.670	0.197	"	0.787		85.1	50-150				
N-EtFOSAA	0.657	0.197	"	0.787		83.4	50-150				
Perfluoropentanoic acid (PFPeA)	1.37	0.394	"	1.57		87.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.827	0.197	"	0.787		105	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.683	0.197	"	0.752		90.8	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.527	0.190	"	0.760		69.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.59	0.748	"	2.99		86.5	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.28	0.756	"	3.02		109	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.75	0.787	"	3.15		87.3	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.872	0.350	"	1.40		62.2	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	2.17	0.394	"	1.57		138	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.461	0.394	"	1.57		29.3	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.51	0.394	"	1.57		95.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.758	0.185	"	0.740		102	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.58	0.738	"	2.95		87.2	50-150				
HFPO-DA (Gen-X)	1.83	0.787	"	1.57		116	50-150				
11CL-PF3OUdS	0.666	0.744	"	1.49		44.8	50-150	Low Bias			
9CL-PF3ONS	0.815	0.736	"	1.47		55.3	50-150				
ADONA	1.67	0.744	"	1.49		112	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.481	0.191	"	0.764		63.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.575	0.189	"	0.756		76.0	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.64	0.984	"	3.15		52.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	9.97	4.92	"	15.7		63.3	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	9.73	4.92	"	15.7		61.8	50-150				
N-MeFOSE	7.71	1.97	"	7.87		97.9	50-150				
N-MeFOSA	0.675	0.197	"	0.787		85.8	50-150				
N-EtFOSE	7.31	1.97	"	7.87		92.8	50-150				
N-EtFOSA	0.690	0.197	"	0.787		87.6	50-150				
Surrogate: M3PFBS	*3.41*		"	*2.29*		*149*	*25-150*				
Surrogate: M5PFHxA	*3.05*		"	*2.46*		*124*	*25-150*				
Surrogate: M4PFHpA	*3.34*		"	*2.46*		*136*	*25-150*				
Surrogate: M3PFHxS	*2.79*		"	*2.33*		*120*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.05*		"	*2.46*		*124*	*25-150*				
Surrogate: M6PFDA	*1.04*		"	*1.23*		*84.3*	*25-150*				
Surrogate: M7PFUdA	*1.19*		"	*1.23*		*96.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.755*		"	*1.23*		*61.4*	*25-150*				
Surrogate: M2PFTeDA	*0.782*		"	*1.23*		*63.5*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40928 - EPA 1633 Prep											
LCS (BH40928-BS2) LCS									Prepared: 08/14/2024 Analyzed: 08/15/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.65*		*ug/kg wet*	*9.84*		*16.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.21*		*"*	*2.36*		*93.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.54*		*"*	*4.92*		*113*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*4.04*		*"*	*2.46*		*164*	*10-150*				
Surrogate: d3-N-MeFOSAA	*6.23*		*"*	*4.92*		*127*	*25-150*				
Surrogate: d5-N-EtFOSAA	*8.30*		*"*	*4.92*		*169*	*25-150*				
Surrogate: M2-6:2 FTS	*6.49*		*"*	*4.68*		*139*	*25-200*				
Surrogate: M2-8:2 FTS	*6.09*		*"*	*4.72*		*129*	*25-200*				
Surrogate: M9PFNA	*1.18*		*"*	*1.23*		*95.8*	*25-150*				
Surrogate: M2-4:2 FTS	*8.35*		*"*	*4.62*		*181*	*25-150*				
Surrogate: d-N-MeFOSA	*1.59*		*"*	*2.46*		*64.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.49*		*"*	*2.46*		*60.4*	*25-150*				
Surrogate: M3HFPO-DA	*9.25*		*"*	*9.84*		*94.0*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.6*		*"*	*24.6*		*75.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.3*		*"*	*24.6*		*82.5*	*25-150*				
Duplicate (BH40928-DUP1) Duplicate *Source sample: 24H0600-01 (Comp 01)									Prepared: 08/14/2024 Analyzed: 08/15/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.188	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.212	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.212	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.194	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.212	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.197	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.212	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.212	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.212	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.212	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.212	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.212	"		ND					30	
N-MeFOSAA	ND	0.212	"		ND					30	
N-EtFOSAA	ND	0.212	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.424	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.212	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.212	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.204	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.805	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.814	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.848	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.377	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.424	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.424	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.424	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.199	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.795	"		ND					30	
HFPO-DA (Gen-X)	ND	0.848	"		ND					30	
11CL-PF3OUdS	ND	0.801	"		ND					30	
9CL-PF3ONS	ND	0.792	"		ND					30	
ADONA	ND	0.801	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40928 - EPA 1633 Prep											
Duplicate (BH40928-DUP1) Duplicate	*Source sample: 24H0600-01 (Comp 01)								Prepared: 08/14/2024 Analyzed: 08/15/2024		
Perfluorododecanesulfonic acid (PFDoS)	ND	0.206	ug/kg dry		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.203	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.06	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.30	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.30	"		ND					30	
N-MeFOSE	ND	2.12	"		ND					30	
N-MeFOSA	ND	0.212	"		ND					30	
N-EtFOSE	ND	2.12	"		ND					30	
N-EtFOSA	ND	0.212	"		ND					30	
Surrogate: M3PFBS	*3.83*		"	*2.47*		*155*	*25-150*				
Surrogate: M5PFHxA	*3.51*		"	*2.65*		*133*	*25-150*				
Surrogate: M4PFHpA	*4.13*		"	*2.65*		*156*	*25-150*				
Surrogate: M3PFHxS	*3.49*		"	*2.51*		*139*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.86*		"	*2.65*		*146*	*25-150*				
Surrogate: M6PFDA	*2.00*		"	*1.32*		*151*	*25-150*				
Surrogate: M7PFUdA	*2.29*		"	*1.32*		*173*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.53*		"	*1.32*		*115*	*25-150*				
Surrogate: M2PFTeDA	*1.44*		"	*1.32*		*108*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.01*		"	*10.6*		*9.58*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.27*		"	*2.54*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.91*		"	*5.30*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*5.96*		"	*2.65*		*225*	*10-150*				
Surrogate: d3-N-MeFOSAA	*10.9*		"	*5.30*		*206*	*25-150*				
Surrogate: d5-N-EtFOSAA	*14.3*		"	*5.30*		*270*	*25-150*				
Surrogate: M2-6:2 FTS	*9.55*		"	*5.04*		*189*	*25-200*				
Surrogate: M2-8:2 FTS	*9.22*		"	*5.09*		*181*	*25-200*				
Surrogate: M9PFNA	*1.78*		"	*1.32*		*134*	*25-150*				
Surrogate: M2-4:2 FTS	*8.92*		"	*4.97*		*180*	*25-150*				
Surrogate: d-N-MeFOSA	*3.01*		"	*2.65*		*114*	*25-150*				
Surrogate: d-N-EtFOSA	*3.47*		"	*2.65*		*131*	*25-150*				
Surrogate: M3HFPO-DA	*12.9*		"	*10.6*		*122*	*25-150*				
Surrogate: d9-N-EtFOSE	*37.7*		"	*26.5*		*142*	*25-150*				
Surrogate: d7-N-MeFOSE	*41.0*		"	*26.5*		*155*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40609 - EPA 3550C											
Blank (BH40609-BLK1) Blank								Prepared & Analyzed: 08/09/2024			
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0415*		*"*	*0.0664*		*62.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0614*		*"*	*0.0664*		*92.4*	*30-150*				
LCS (BH40609-BS1) LCS								Prepared & Analyzed: 08/09/2024			
4,4'-DDD	0.0272	0.00164	mg/kg wet	0.0332		82.0	40-140				
4,4'-DDE	0.0256	0.00164	"	0.0332		77.2	40-140				
4,4'-DDT	0.0271	0.00164	"	0.0332		81.5	40-140				
Aldrin	0.0253	0.00164	"	0.0332		76.2	40-140				
alpha-BHC	0.0286	0.00164	"	0.0332		86.0	40-140				
alpha-Chlordane	0.0250	0.00164	"	0.0332		75.1	40-140				
beta-BHC	0.0269	0.00164	"	0.0332		81.1	40-140				
delta-BHC	0.0264	0.00164	"	0.0332		79.5	40-140				
Dieldrin	0.0262	0.00164	"	0.0332		78.8	40-140				
Endosulfan I	0.0263	0.00164	"	0.0332		79.1	40-140				
Endosulfan II	0.0279	0.00164	"	0.0332		84.0	40-140				
Endosulfan sulfate	0.0259	0.00164	"	0.0332		78.0	40-140				
Endrin	0.0306	0.00164	"	0.0332		92.0	40-140				
Endrin aldehyde	0.0281	0.00164	"	0.0332		84.5	40-140				
Endrin ketone	0.0267	0.00164	"	0.0332		80.5	40-140				
gamma-BHC (Lindane)	0.0256	0.00164	"	0.0332		77.1	40-140				
gamma-Chlordane	0.0254	0.00164	"	0.0332		76.4	40-140				
Heptachlor	0.0271	0.00164	"	0.0332		81.6	40-140				
Heptachlor epoxide	0.0269	0.00164	"	0.0332		80.9	40-140				
Methoxychlor	0.0280	0.00164	"	0.0332		84.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0408*		*"*	*0.0664*		*61.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0508*		*"*	*0.0664*		*76.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40609 - EPA 3550C											
Blank (BH40609-BLK2) Blank								Prepared & Analyzed: 08/09/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0565*		*"*	*0.0664*		*85.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0326*		*"*	*0.0664*		*49.0*	*30-140*				
LCS (BH40609-BS2) LCS								Prepared & Analyzed: 08/09/2024			
Aroclor 1016	0.259	0.0166	mg/kg wet	0.332		78.0	40-130				
Aroclor 1260	0.239	0.0166	"	0.332		72.0	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0455*		*"*	*0.0664*		*68.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0279*		*"*	*0.0664*		*42.0*	*30-140*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40692 - EPA 3050B											
Blank (BH40692-BLK1) Blank									Prepared: 08/11/2024 Analyzed: 08/12/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BH40692-SRM1) Reference									Prepared: 08/11/2024 Analyzed: 08/12/2024		
Aluminum	6970	4.17	mg/kg wet	7680		90.7	46.7-129.9				
Antimony	66.3	2.08	"	257		25.8	1-100				
Arsenic	323	1.25	"	360		89.8	70.6-102.2				
Barium	324	2.08	"	332		97.6	75-108.1				
Beryllium	183	0.042	"	183		100	76.5-108.2				
Cadmium	220	0.250	"	238		92.5	73.5-105				
Calcium	5290	4.17	"	5490		96.3	77.2-110.9				
Chromium	190	0.417	"	199		95.5	73.4-107				
Cobalt	88.3	0.333	"	88.7		99.5	76.6-107.6				
Copper	230	1.67	"	227		101	74.9-105.7				
Iron	6790	20.8	"	7360		92.3	51.1-125.8				
Lead	96.5	0.417	"	100		96.5	75.9-110				
Magnesium	1810	4.17	"	1900		95.1	67.4-111.1				
Manganese	576	0.417	"	591		97.5	72.6-107.1				
Nickel	339	0.830	"	342		99.2	75.4-107.6				
Potassium	1400	4.17	"	1500		93.6	66.1-116.7				
Selenium	173	2.08	"	170		102	78.2-115.9				
Silver	86.2	0.420	"	88.6		97.2	73.9-112				
Sodium	749	41.7	"	527		142	68.5-115.9	High Bias			
Thallium	220	2.08	"	226		97.4	73.5-108.4				
Vanadium	110	0.830	"	118		93.0	68.1-106.8				
Zinc	177	2.08	"	183		96.5	72.7-109.3				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40673 - EPA 7473 soil											
Blank (BH40673-BLK1) Blank									Prepared: 08/10/2024 Analyzed: 08/12/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH40673-SRM1) Reference									Prepared: 08/10/2024 Analyzed: 08/12/2024		
Mercury	20.636		mg/kg	18.2		113	59.9-140.1				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H0600-02	Grab 01	40mL Vial with Stir Bar-Cool 4° C
24H0600-03	Grab 02	40mL Vial with Stir Bar-Cool 4° C
24H0600-04	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24H0600

Report To:
Company: Langan
Address: 300 Kimball Drive, Parsippany, NJ 07054
Phone.:
Contact: Lauren Kotfi
E-mail: lkotfi@langan.com

Invoice To:
Company:
Address:
Phone.:
Contact:
E-mail:

YOUR Project Name / Number: CCC 100644801

PO Number:

Samples Collected From: NY X | NJ X | CT | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day X | RUSH - Five Day | Standard (Up to 10 Days) | PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	VOCs	SVOCs	PCBs/Pesticides	TAL Metals	PFAS 1633	Grab or Comp. G/C
Comp 01	8/8/24	10:45	S	2											X	X	X	X	
Grab 01	↓	10:38	S	1	3									X					
Grab 02		10:40	S	1	3									X					
Trip Blank			W											X					

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; ~~NJ Reduced~~; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered | Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: Langan — Date/Time: 8/8/24 1605	1. Samples Received by / Company: [illegible] — Date/Time: 8/8/24 1605 4.2°	2. Samples Relinquished by / Company: [illegible] — Date/Time: 8/8/24 1605 4.2° 800
2. Samples Received by / Company: [illegible] — Date/Time: 8/8/24 800	3. Samples Relinquished by / Company: [illegible] — Date/Time: 8/8/24 2030	3. Samples Received by / Company — Date/Time
4. Samples Relinquished by / Company — Date/Time	4. Samples Received by / Company — Date/Time	Samples Received in LAB by: [illegible] — Date/Time: 8/8/24 20:30 — Temperature: 5.1°C Degrees C

Lauren Kott

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Monday, September 16, 2024 9:22 AM
To: Amanda Forsburg
Cc: Lauren Kott; Obligado, Andre A (DEC)
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Reuse On-Site Soil

Good Morning Amanda,

The Department has reviewed the reuse request of 1000 cubic yards of on-site soil obtained from the northern portion of 12096 Flatlands Ave, Brooklyn, NY. Based on the information provided, the request is hereby approved.

The proposed fill material meets the requirements for reuse of soil as specified in section 5.4(e)4 of DER-10. Therefore, this material may be used for pile cap construction.

Testing in accordance with DER-10 and the Remedial Design Work Plan and approval by the Department is required for any additional material imported from this source.

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov | | |

From: Amanda Forsburg <aforsburg@Langan.com>
Sent: Wednesday, September 11, 2024 11:28 AM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Cc: Lauren Kott <lkott@langan.com>
Subject: 12096 Flatlands Avenue (C224290) Request to Reuse On-Site Soil
Importance: High

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Good morning, Steven,

Per our previous correspondence, please find attached a request to reuse on-Site soil meeting the Track 2 SCOs and PGW SCOs in the northern portion of the site. The material will consist of soil excavated for pile cap construction and immediately being replaced in the area around the constructed pile cap.

Please let us know if you need any further information.

Amanda

Amanda Forsburg, CHMM
Associate Principal

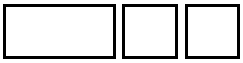
LANGAN

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File Sharing Link

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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? yes

How many cubic yards of soil will be imported/reused? 800-1000

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Material consists of on-Site soil present in an approximately 8,525 square foot area in the northern portion of the Site at or below the depth of the 15-foot remedial excavation. Refer to attached Figure Y for the proposed reuse area. The material is being excavated for the construction of pile cap forms. Excavated material will be temporarily staged immediately adjacent to the disturbed area and will be replaced in the same location from which it was removed following construction of the pile cap. Analytical results for documentation soil samples collected every 900 square feet were used to determine the proposed extent of reuse including: PE-3, PE-4, PE-5, PE-11, PE-12, PE-13, PE-19, PE-20, and PE-27.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Results of the referenced samples meet the lower of the Track 2 Restricted Residential Restricted Use SCOs and the PGW SCOs and are shown on the attached Figure X. Laboratory packages are also attached.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Aldo Malomo - United Concrete (Foundation Contractor)

Location where fill was obtained:

12096 Flatlands Avenue, Brooklyn, NY

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

The site is actively being remediated in the NYS BCP.

Provide a list of supporting documentation included with this request:

Figure X - Analytical Results
Figure Y - Foundation Plan
Laboratory Packages

The information provided on this form is accurate and complete.



Signature

9/11/2024

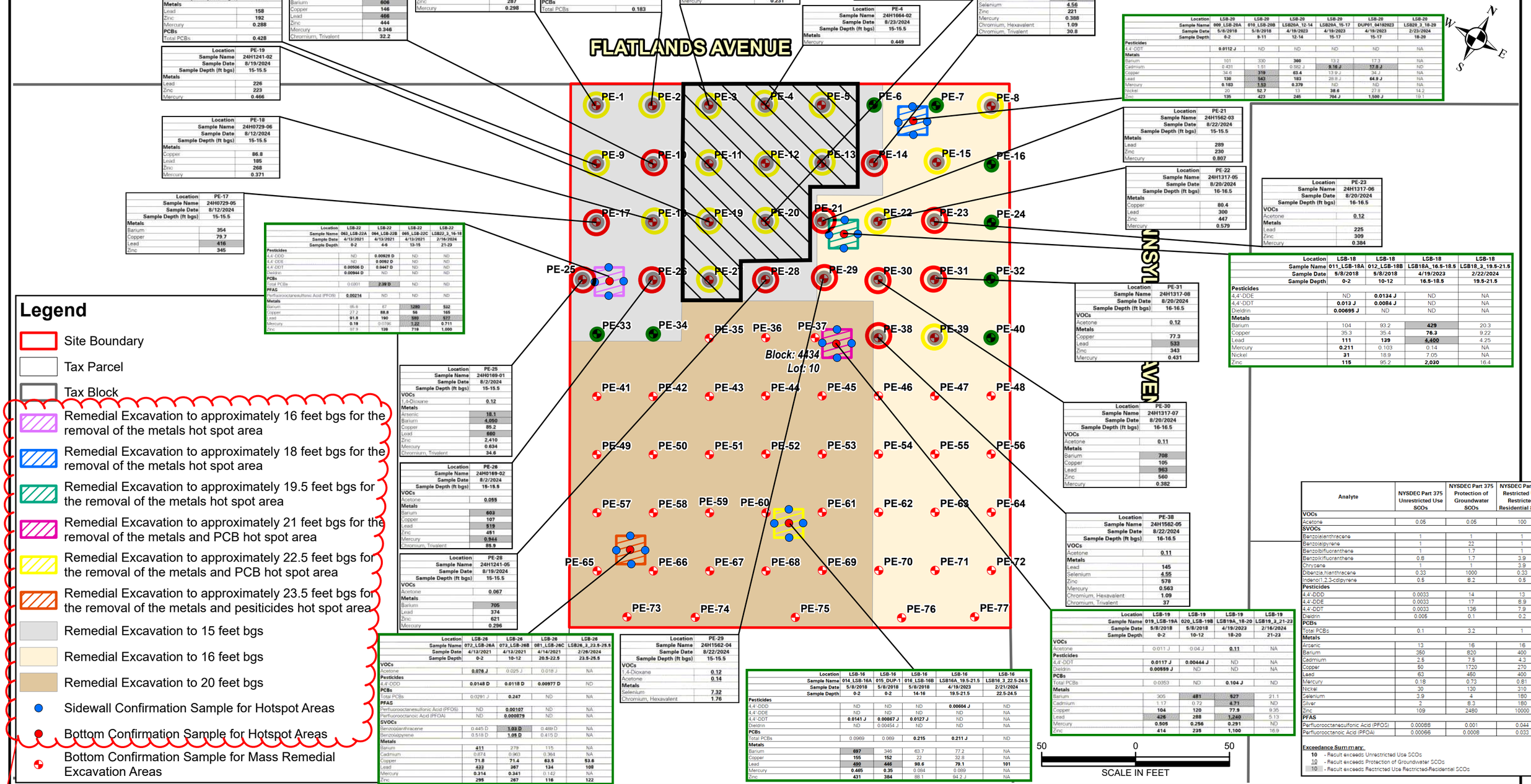
Date

Lauren Kott

Print Name

Langan

Firm



Location	PE-9
Sample Name	24H0729-03
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	158
Zinc	192
Mercury	0.288
PCBs	
Total PCBs	0.428

Location	PE-10
Sample Name	24H0729-04
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.056
Metals	
Barium	606
Copper	146
Lead	466
Zinc	444
Mercury	0.346
Chromium, Trivalent	32.2

Location	PE-1
Sample Name	24H0729-01
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Copper	62.6
Lead	256
Zinc	287
Mercury	0.298

Location	PE-2
Sample Name	24H0729-02
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	104
Mercury	0.323
PCBs	
Total PCBs	0.183

Location	PE-03
Sample Name	24H1562-05
Sample Date	9/3/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	180
Zinc	267
Mercury	0.231

Location	PE-20
Sample Name	24H1241-03
Sample Date	8/19/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	347
Zinc	332
Mercury	0.648

Location	PE-14
Sample Name	24H1317-02
Sample Date	8/20/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.082
Metals	
Lead	564
Selenium	4.56
Zinc	221
Mercury	0.308
Chromium, Hexavalent	1.09
Chromium, Trivalent	30.8

Location	PE-4
Sample Name	24H1664-02
Sample Date	8/23/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Mercury	0.449

Location	PE-19
Sample Name	24H1241-02
Sample Date	8/19/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	226
Zinc	223
Mercury	0.466

Location	PE-18
Sample Name	24H0729-06
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Copper	86.8
Lead	185
Zinc	268
Mercury	0.371

Location	PE-17
Sample Name	24H0729-05
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Barium	354
Copper	79.7
Lead	416
Zinc	345

Location	LSB-22	LSB-22	LSB-22	LSB-22
Sample Name	063_LSB-22A	064_LSB-22B	065_LSB-22C	LSB22_3_16-18
Sample Date	4/13/2021	4/13/2021	4/13/2021	2/16/2024
Sample Depth	0-2	4-6	13-15	21-23
Pesticides				
4,4'-DDD	ND	0.00928 D	ND	ND
4,4'-DDE	ND	0.0092 D	ND	ND
4,4'-DDT	0.00506 D	0.0447 D	ND	ND
Dieldrin	0.00944 D	ND	ND	ND
PCBs				
Total PCBs	0.0291 J	0.247	ND	NA
PFAS				
Perfluorooctanesulfonic Acid (PFOS)	0.00214	ND	ND	ND
Metals				
Barium	85.6	87	1280	522
Copper	27.2	88.8	58	165
Lead	91.8	190	580	577
Mercury	0.19	0.0786	1.22	0.711
Zinc	97.9	139	718	1,000

Location	PE-25
Sample Name	24H0169-01
Sample Date	8/2/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
1,4-Dioxane	0.12
Metals	
Arsenic	18.1
Barium	4,050
Copper	85.2
Lead	680
Zinc	2,410
Mercury	0.634
Chromium, Trivalent	34.6

Location	PE-26
Sample Name	24H0169-02
Sample Date	8/2/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.055
Metals	
Barium	603
Copper	107
Lead	519
Zinc	451
Mercury	0.944
Chromium, Trivalent	55.9

Location	PE-28
Sample Name	24H1241-05
Sample Date	8/19/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.067
Metals	
Barium	705
Lead	374
Zinc	621
Mercury	0.296

Location	LSB-26	LSB-26	LSB-26	LSB-26
Sample Name	072_LSB-26A	073_LSB-26B	081_LSB-26C	LSB26_3_23.5-25.5
Sample Date	4/13/2021	4/13/2021	4/14/2021	2/26/2024
Sample Depth	0-2	10-12	20.5-22.5	23.5-25.5
VOCs				
Acetone	0.076 J	0.025 J	0.018 J	NA
Pesticides				
4,4'-DDD	0.0148 D	0.0118 D	0.00977 D	ND
PCBs				
Total PCBs	0.0291 J	0.247	ND	NA
PFAS				
Perfluorooctanesulfonic Acid (PFOS)	ND	0.00107	ND	NA
Perfluorooctanoic Acid (PFOA)	ND	0.000879	ND	NA
SVOCs				
Benzo(a)anthracene	0.445 D	1.03 D	0.489 D	NA
Benzo(a)pyrene	0.518 D	1.05 D	0.415 D	NA
Metals				
Barium	411	279	115	NA
Cadmium	0.674	0.903	0.364	NA
Copper	71.8	71.4	63.5	53.6
Lead	433	367	134	108
Mercury	0.314	0.341	0.142	NA
Zinc	295	267	116	122

Location	PE-29
Sample Name	24H1562-04
Sample Date	8/22/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
1,4-Dioxane	0.12
Acetone	0.14
Metals	
Selenium	7.32
Chromium, Hexavalent	1.76

Location	LSB-16	LSB-16	LSB-16	LSB-16	LSB-16
Sample Name	014_LSB-16A	015_DUP-1	016_LSB-16B	LSB16A_19.5-21.5	LSB16_3_22.5-24.5
Sample Date	5/8/2018	5/8/2018	5/8/2018	4/19/2023	2/21/2024
Sample Depth	0-2	0-2	14-16	19.5-21.5	22.5-24.5
Pesticides					
4,4'-DDD	ND	ND	ND	0.00604 J	ND
4,4'-DDE	ND	ND	ND	ND	NA
4,4'-DDT	0.0141 J	0.00867 J	0.0127 J	ND	NA
Dieldrin	ND	0.00454 J	ND	ND	NA
PCBs					
Total PCBs	0.0969	0.069	0.215	0.211 J	ND
Metals					
Barium	697	346	63.7	77.2	NA
Copper	155	152	22	32.8	NA
Lead	690	446	98.6	79.1	101
Mercury	0.405	0.35	0.084	0.089	NA
Zinc	431	384	88.1	94.2 J	NA

Location	PE-21
Sample Name	24H1562-03
Sample Date	8/22/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	289
Zinc	230
Mercury	0.807

Location	PE-22
Sample Name	24H1317-05
Sample Date	8/20/2024
Sample Depth (ft bgs)	16-16.5
Metals	
Copper	80.4
Lead	300
Zinc	447
Mercury	0.579

Location	PE-23
Sample Name	24H1317-06
Sample Date	8/20/2024
Sample Depth (ft bgs)	16-16.5
VOCs	
Acetone	0.12
Metals	
Lead	225
Zinc	309
Mercury	0.384

Location	PE-31
Sample Name	24H1317-08
Sample Date	8/20/2024
Sample Depth (ft bgs)	16-16.5
VOCs	
Acetone	0.12
Metals	
Copper	77.3
Lead	533
Zinc	343
Mercury	0.431

Location	PE-30
Sample Name	24H1317-07
Sample Date	8/20/2024
Sample Depth (ft bgs)	16-16.5
VOCs	
Acetone	0.11
Metals	
Barium	708
Copper	105
Lead	963
Zinc	560
Mercury	0.382

Location	PE-38
Sample Name	24H1562-05
Sample Date	8/22/2024
Sample Depth (ft bgs)	16-16.5
VOCs	
Acetone	0.11
Metals	
Lead	145
Selenium	4.55
Zinc	578
Mercury	0.563
Chromium, Hexavalent	1.09
Chromium, Trivalent	37

Location	LSB-20	LSB-20	LSB-20	LSB-20	LSB-20	LSB-20
Sample Name	009_LSB-20A	010_LSB-20B	LSB20A_12-14	LSB20A_15-17	DUP01_04192023	LSB20_3_18-20
Sample Date	5/8/2018	5/8/2018	4/19/2023	4/19/2023	4/19/2023	2/23/2024
Sample Depth	0-2	9-11	12-14	15-17	15-17	18-20
Pesticides						
4,4'-DDT	0.0112 J	ND	ND	ND	ND	NA
Metals						
Barium	101	330	360	13.2	17.3	NA
Cadmium	0.431	1.51	0.582 J	0.16 J	17.8 J	ND
Copper	34.6	319	63.4	13.9 J	34.1	NA
Lead	130	543	183	28.8 J	64.9 J	NA
Mercury	0.183	1.53	0.379	ND	ND	NA
Nickel	20	52.7	13	38.6	27.8	14.2
Zinc	135	423	245	704 J	1,500 J	19.1

Location	LSB-19	LSB-19	LSB-19	LSB-19
Sample Name	019_LSB-19A	020_LSB-19B	LSB19A_18-20	LSB19_3_21-23
Sample Date	5/8/2018	5/8/2018	4/19/2023	2/16/2024
Sample Depth	0-2	10-12	18-20	21-23
VOCs				
Acetone	0.011 J	0.04 J	0.11	NA
Pesticides				
4,4'-DDT	0.0117 J	0.00444 J	ND	NA
Dieldrin	0.00559 J	ND	ND	NA
PCBs				
Total PCBs	0.0353	ND	0.104 J	ND
Metals				
Barium	305	481	527	21.1
Cadmium	1.17	0.72	4.71	ND
Copper	104	120	77.9	9.35
Lead	426	288	1,240	5.13
Mercury	0.505	0.256	0.291	ND
Zinc	414	235	1,100	16.9

Location	LSB-18	LSB-18	LSB-18	LSB-18
Sample Name	011_LSB-18A	012_LSB-18B	LSB18A_16.5-18.5	LSB18_3_19.5-21.5
Sample Date	5/8/2018	5/8/2018	4/19/2023	2/22/2024
Sample Depth	0-2	10-12	16.5-18.5	19.5-21.5
Pesticides				
4,4'-DDE	ND	0.0134 J	ND	NA
4,4'-DDT	0.013 J	0.0084 J	ND	NA
Dieldrin	0.00695 J	ND	ND	NA
Metals				
Barium	104	93.2	429	20.3
Copper	35.3	35.4	76.3	9.22
Lead	111	139	4,400	4.25
Mercury	0.211	0.103	0.14	NA
Nickel	31	18.9	7.05	NA
Zinc	115	95.2	2,030	16.4

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs
VOCs			
Acetone	0.05	0.05	100
SVOCs			
Benzo(a)anthracene	1	1	1
Benzo(a)pyrene	1	22	1
Benzo(b)fluoranthene	1	1.7	1
Benzo(k)fluoranthene	0.8	1.7	3.9
Chrysene	1	1	3.9
Dibenz(a,h)anthracene	0.33	1000	0.33
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5
Pesticides			
4,4'-DDD	0.0033	14	13
4,4'-DDE	0.0033	17	8.9
4,4'-DDT	0.0033	136	7.9
Dieldrin	0.005	0.1	0.2
PCBs			
Total PCBs	0.1	3.2	1
Metals			
Arsenic	13	16	16
Barium	350	820	400
Cadmium	2.5	7.5	4.3
Copper	50	1720	270
Lead	63	450	400
Mercury	0.18	0.73	0.81
Nickel	30	130	310
Selenium	3.9	4	180
Silver	2	8.3	180
Zinc	109	2480	10000
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.001	0.044
Perfluorooctanoic Acid (PFOA)	0.00066	0.0008	0.033

Exceedance Summary

10	- Result exceeds Unrestricted Use SCOs
10	- Result exceeds Protection of Groundwater SCOs
10	- Result exceeds Restricted Use Restricted-Residential SCOs

Legend

- Site Boundary
- Tax Parcel
- Tax Block
- Remedial Excavation to approximately 16 feet bgs for the removal of the metals hot spot area
- Remedial Excavation to approximately 18 feet bgs for the removal of the metals hot spot area
- Remedial Excavation to approximately 19.5 feet bgs for the removal of the metals hot spot area
- Remedial Excavation to approximately 21 feet bgs for the removal of the metals and PCB hot spot area
- Remedial Excavation to approximately 22.5 feet bgs for the removal of the metals and PCB hot spot area
- Remedial Excavation to approximately 23.5 feet bgs for the removal of the metals and pesiticides hot spot area
- Remedial Excavation to 15 feet bgs
- Remedial Excavation to 16 feet bgs
- Remedial Excavation to 20 feet bgs
- Sidewall Confirmation Sample for Hotspot Areas
- Bottom Confirmation Sample for Hotspot Areas
- Bottom Confirmation Sample for Mass Remedial Excavation Areas
- Samples collected and waiting on analytical results
- Samples collected
- Analytical results meet RR RUSCOs & PGW SCOs
- Analytical results exceed RR RUSCOs or PGW SCOs
- Proposed Soil Reuse Area

50 0 50
SCALE IN FEET

References:
1. Aerial imagery provided by Nearmap ltd., collected March 10, 2021.
2. Parcel information from MapPLUTO 21v1 copyrighted by the New York City Department of Planning.

Remedial Excavation modified to a Track 2 15-foot cut across the Site footprint on 9/4/24.
Hot spot excavation and associated confirmation sample collection will not be implemented.

LANGAN
300 Kimball Drive
Parsippany, NJ 07054
T: 973.560.4900 F: 973.560.4901 www.langan.com
Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International LLC
Collectively known as Langan
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

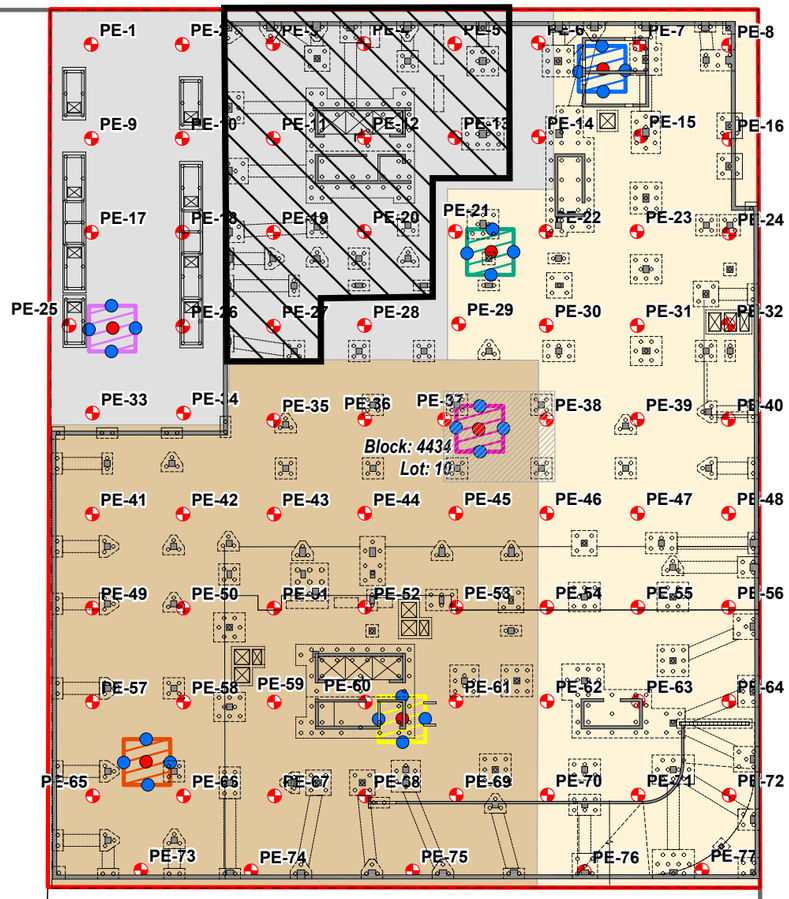
Project
12096 FLATLANDS AVENUE
BLOCK No. 4434, LOT No. 10
BROOKLYN
KINGS COUNTY NEW YORK

Drawing Title
PRELIMINARY ENDPOINT SAMPLING ANALYTICAL RESULTS (DRAFT) & SOIL REUSE REQUEST

Project No. 100688801
Date 9/4/2024
Scale 1:600
Drawn By IHB
Last Revised 9/10/2024
Figure X

© 2012 Langan

Path: \\Langan.com\data\PAR\data8\100688801\Project Data\ArcGIS\APRX\100688801\100688801.aprx Date: 12/13/2023 User: ibaker Time: 3:22 PM



Legend

- Site Boundary
- Tax Parcel
- Tax Block
- Remedial Excavation to approximately 16 feet bgs for the removal of the metals hot spot area
- Remedial Excavation to approximately 18 feet bgs for the removal of the metals hot spot area
- Remedial Excavation to approximately 19.5 feet bgs for the removal of the metals hot spot area
- Remedial Excavation to approximately 21 feet bgs for the removal of the metals and PCB hot spot area
- Remedial Excavation to approximately 22.5 feet bgs for the removal of the metals and PCB hot spot area
- Remedial Excavation to approximately 23.5 feet bgs for the removal of the metals and pesiticides hot spot area
- Remedial Excavation to 15 feet bgs
- Remedial Excavation to 16 feet bgs
- Remedial Excavation to 20 feet bgs
- Sidewall Confirmation Sample for Hotspot Areas
- Bottom Confirmation Sample for Hotspot Areas
- Bottom Confirmation Sample for Mass Remedial Excavation Areas
- Proposed Soil Reuse Area

Remedial Excavation modified to a Track 2 15-foot cut across the Site footprint on 9/4/24. Hot spot excavation and associated confirmation sample collection will not be implemented.

References:
1. Aerial imagery provided by Nearmap ltd., collected March 10, 2021.
2. Parcel information from MapPLUTO 21v1 copyrighted by the New York City Department of Planning.

50 0 50
SCALE IN FEET

LANGAN
300 Kimball Drive
Parsippany, NJ 07054
T: 973.560.4900 F: 973.560.4901 www.langan.com
Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International LLC
Collectively known as Langan
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
12096 FLATLANDS AVENUE
BLOCK No. 4434, LOT No. 10
BROOKLYN
KINGS COUNTY NEW YORK

Drawing Title
ENDPOINT CONFIRMATION SAMPLING LOCATION AND FOUNDATION PLAN

Project No.	100688801
Date	9/27/2022
Scale	1:600
Drawn By	IHB
Last Revised	9/10/2024
Figure	Y

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Path: \\Langan.com\data\PAR\data8\100688801\Project Data\ArcGIS\APRX\100688801\100688801.aprx Date: 12/13/2023 User: ibaker Time: 3:22 PM

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 08/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H0169

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 08/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H0169

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 02, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H0169-01	PE25_15	Soil	08/02/2024	08/02/2024
24H0169-02	PE26_15	Soil	08/02/2024	08/02/2024
24H0169-03	TB_080220254	Water	08/02/2024	08/02/2024

General Notes for York Project (SDG) No.: 24H0169

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 08/09/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.12	0.24	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.035**		mg/kg dry	0.012	0.024	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.012	0.024	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.012	0.024	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.012	0.024	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.018	0.036	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.238	0.475	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.238	0.475	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0597**	J	mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0759**	J	mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.58**		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0626**	J	mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.0891**	J	mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.110**	J	mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.4 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.3 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.3 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*42.7 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*57.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*44.5 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM Certifications: NELAC-NY10854	08/07/2024 08:30	08/08/2024 11:41	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.161	0.256	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0767	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.152	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.259	0.265	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.496**		ug/kg dry	0.249	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.264**	J	ug/kg dry	0.242	0.269	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.274	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.277	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.287	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.236	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.181	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.149	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.214	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.281	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.158	0.579	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.211	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.224	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.277	0.279	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.862	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.09	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.158	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.201	0.516	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.279	0.579	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0898	0.579	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.139	0.579	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.227	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.862	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.880	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.450	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.356	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.252	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.245	0.281	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.180	0.278	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.918	1.45	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND	PF-CCV-L	ug/kg dry	3.04	7.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.17	7.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.885	2.90	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
31506-32-8	* N-MeFOSA	ND	PF-LCS-L	ug/kg dry	0.261	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.01	2.90	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.287	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*115 %*		*25-150*
Surrogate: M5PFHxA	*115 %*		*25-150*
Surrogate: M4PFHpA	*92.4 %*		*25-150*
Surrogate: M3PFHxS	*120 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*118 %*		*25-150*
Surrogate: M6PFDA	*110 %*		*25-150*
Surrogate: M7PFUdA	*131 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*117 %*		*25-150*
Surrogate: M2PFTeDA	*141 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*8.67 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*156 %*	PFSu-H	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*92.3 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*45.1 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*166 %*	PFSu-H	*25-150*
Surrogate: d5-N-EtFOSAA	*157 %*	PFSu-H	*25-150*
Surrogate: M2-6:2 FTS	*160 %*		*25-200*
Surrogate: M2-8:2 FTS	*189 %*		*25-200*
Surrogate: M9PFNA	*106 %*		*25-150*
Surrogate: M2-4:2 FTS	*93.8 %*		*25-150*
Surrogate: d-N-MeFOSA	*53.5 %*		*25-150*
Surrogate: d-N-EtFOSA	*40.4 %*		*25-150*
Surrogate: M3HFPO-DA	*81.5 %*		*25-150*
Surrogate: d9-N-EtFOSE	*127 %*		*25-150*
Surrogate: d7-N-MeFOSE	*135 %*		*25-150*

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0474	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*142 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0239	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:34	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0239	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:34	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0239	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:34	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0239	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:34	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0239	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:34	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0239	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:34	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.0297**		mg/kg dry	0.0239	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:34	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.0297**		mg/kg dry	0.0239	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:34	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0289	1	EPA 8151A	08/04/2024 07:36	08/05/2024 19:53	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0289	1	EPA 8151A	08/04/2024 07:36	08/05/2024 19:53	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0289	1	EPA 8151A	08/04/2024 07:36	08/05/2024 19:53	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*50.8 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3740**		mg/kg dry	6.04	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	3.02	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**18.1**		mg/kg dry	1.81	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**4050**		mg/kg dry	3.02	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.181**		mg/kg dry	0.061	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.29**		mg/kg dry	0.363	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**7030**		mg/kg dry	6.05	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**34.6**		mg/kg dry	0.605	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.75**		mg/kg dry	0.483	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**85.2**		mg/kg dry	2.42	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**32500**		mg/kg dry	30.2	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**660**		mg/kg dry	0.605	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**579**		mg/kg dry	6.05	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**171**		mg/kg dry	0.605	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.8**		mg/kg dry	1.20	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**374**		mg/kg dry	6.05	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	3.02	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.609	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**3410**		mg/kg dry	60.5	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	3.02	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**18.9**		mg/kg dry	1.20	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**2410**		mg/kg dry	3.01	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.634**		mg/kg dry	0.0435	1	EPA 7473	08/07/2024 13:53	08/08/2024 14:51	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.725	1	EPA 7196A	08/06/2024 09:09	08/06/2024 15:51	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**34.6**		mg/kg	0.500	1	Calculation	08/08/2024 16:09	08/08/2024 16:18	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**1.02**		mg/kg dry	0.725	1	EPA 9014/9010C	08/06/2024 08:53	08/06/2024 14:13	JAMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**68.9**		%	0.100	1	SM 2540G	08/05/2024 13:15	08/05/2024 15:21	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE26_15** **York Sample ID:** **24H0169-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.077	0.15	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0084**		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.055**		mg/kg dry	0.0077	0.015	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0077	0.015	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0040**	J	mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.214	0.428	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	**Anthracene**	**0.107**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.214	0.428	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.315**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.354**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.365**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.203**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.109**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	**Benzyl butyl phthalate**	**0.0846**	J	mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.339**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.462**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.211**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.447**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.614**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.2 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*58.7 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*37.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*61.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*38.0 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM Certifications: NELAC-NY10854	08/07/2024 08:30	08/08/2024 11:58	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*67.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.141	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0671	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.133	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.227	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.228**	J	ug/kg dry	0.218	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.336**		ug/kg dry	0.211	0.235	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.239	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.242	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.251	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.206	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.158	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.130	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.187	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.246	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.138	0.506	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.185	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.196	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.242	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.753	0.962	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.956	0.972	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.138	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.176	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.244	0.506	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0785	0.506	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.122	0.506	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.199	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.753	0.950	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.770	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.394	0.957	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.311	0.947	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.220	0.957	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.214	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.157	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.803	1.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND	PF-CCV-L	ug/kg dry	2.66	6.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.90	6.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.774	2.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
31506-32-8	* N-MeFOSA	ND	PF-LCS-L	ug/kg dry	0.228	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.882	2.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.251	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*108 %*		*25-150*
Surrogate: M5PFHxA	*123 %*		*25-150*
Surrogate: M4PFHpA	*128 %*		*25-150*
Surrogate: M3PFHxS	*123 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*126 %*		*25-150*
Surrogate: M6PFDA	*132 %*		*25-150*
Surrogate: M7PFUdA	*137 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*131 %*		*25-150*
Surrogate: M2PFTeDA	*117 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*21.8 %*	PFSu-L	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*157 %*	PFSu-H	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*114 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*102 %*		*10-150*
Surrogate: d3-N-MeFOSAA	*159 %*	PFSu-H	*25-150*
Surrogate: d5-N-EtFOSAA	*164 %*	PFSu-H	*25-150*
Surrogate: M2-6:2 FTS	*98.3 %*		*25-200*
Surrogate: M2-8:2 FTS	*146 %*		*25-200*
Surrogate: M9PFNA	*119 %*		*25-150*
Surrogate: M2-4:2 FTS	*56.4 %*		*25-150*
Surrogate: d-N-MeFOSA	*45.0 %*		*25-150*
Surrogate: d-N-EtFOSA	*41.9 %*		*25-150*
Surrogate: M3HFPO-DA	*102 %*		*25-150*
Surrogate: d9-N-EtFOSE	*123 %*		*25-150*
Surrogate: d7-N-MeFOSE	*128 %*		*25-150*

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0420	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0212	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:49	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0212	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:49	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0212	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:49	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0212	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:49	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0212	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:49	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0212	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:49	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0212	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:49	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0212	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:49	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0256	1	EPA 8151A	08/04/2024 07:36	08/05/2024 20:00	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0256	1	EPA 8151A	08/04/2024 07:36	08/05/2024 20:00	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0256	1	EPA 8151A	08/04/2024 07:36	08/05/2024 20:00	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*72.2 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4660**		mg/kg dry	5.36	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.68	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**12.6**		mg/kg dry	1.61	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**603**		mg/kg dry	2.68	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**3.41**		mg/kg dry	0.054	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.793**		mg/kg dry	0.322	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3880**		mg/kg dry	5.36	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**85.9**		mg/kg dry	0.536	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.71**		mg/kg dry	0.428	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**107**		mg/kg dry	2.14	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**28000**		mg/kg dry	26.8	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**519**		mg/kg dry	0.536	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**619**		mg/kg dry	5.36	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**182**		mg/kg dry	0.536	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**17.6**		mg/kg dry	1.07	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**403**		mg/kg dry	5.36	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.68	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.540	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**631**		mg/kg dry	53.6	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.68	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**21.6**		mg/kg dry	1.07	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**451**		mg/kg dry	2.67	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.944**		mg/kg dry	0.0386	1	EPA 7473	08/07/2024 13:53	08/08/2024 14:51	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.643	1	EPA 7196A	08/06/2024 09:09	08/06/2024 15:51	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**85.9**		mg/kg	0.500	1	Calculation	08/08/2024 16:09	08/08/2024 16:18	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**0.643**		mg/kg dry	0.643	1	EPA 9014/9010C	08/06/2024 08:53	08/06/2024 14:13	JAMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **PE26_15** **York Sample ID:** **24H0169-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.7**		%	0.100	1	SM 2540G	08/05/2024 13:15	08/05/2024 15:21	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: TB_080220254 **York Sample ID:** 24H0169-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Water	August 2, 2024 1:45 pm	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CAL-E	ug/L	40	40	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_080220254 **York Sample ID:** 24H0169-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Water	August 2, 2024 1:45 pm	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	CAL-E	ug/L	1.0	2.0	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_080220254 **York Sample ID:** 24H0169-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Water	August 2, 2024 1:45 pm	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	ug/L	0.50	1.0	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_080220254 **York Sample ID:** 24H0169-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Water	August 2, 2024 1:45 pm	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*90.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.8 %*	*79-122*

Analytical Batch Summary

Batch ID: BG41992 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-03	TB_080220254	08/05/24
BG41992-BLK1	Blank	08/05/24
BG41992-BS1	LCS	08/05/24
BG41992-BSD1	LCS Dup	08/05/24

Batch ID: BG41999 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/05/24
24H0169-02	PE26_15	08/05/24
BG41999-BLK1	Blank	08/05/24
BG41999-BS1	LCS	08/05/24
BG41999-BSD1	LCS Dup	08/05/24

Batch ID: BH40192 **Preparation Method:** EPA 3550C/8151A **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/04/24
24H0169-02	PE26_15	08/04/24
BH40192-BLK1	Blank	08/04/24
BH40192-BS1	LCS	08/04/24

Batch ID: BH40195 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/04/24
24H0169-01	PE25_15	08/04/24
24H0169-02	PE26_15	08/04/24
24H0169-02	PE26_15	08/04/24
BH40195-BLK1	Blank	08/04/24
BH40195-BLK2	Blank	08/04/24
BH40195-BS1	LCS	08/04/24
BH40195-BS2	LCS	08/04/24

Batch ID: BH40212 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/05/24
24H0169-02	PE26_15	08/05/24

Batch ID: BH40237 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/05/24
24H0169-02	PE26_15	08/05/24

Batch ID: BH40326 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/06/24
24H0169-02	PE26_15	08/06/24
BH40326-BLK1	Blank	08/06/24
BH40326-SRM1	Reference	08/06/24

Batch ID: BH40331 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/06/24
24H0169-02	PE26_15	08/06/24
BH40331-BLK1	Blank	08/06/24
BH40331-SRM1	Reference	08/06/24

Batch ID: BH40419 **Preparation Method:** EPA 1633 Prep **Prepared By:** K H

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/07/24
24H0169-02	PE26_15	08/07/24
BH40419-BLK1	Blank	08/07/24
BH40419-BS1	LCS	08/07/24
BH40419-BS2	LCS	08/07/24

Batch ID: BH40420 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/07/24
24H0169-02	PE26_15	08/07/24
BH40420-BLK1	Blank	08/07/24
BH40420-BS1	LCS	08/07/24

Batch ID: BH40462 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/07/24
24H0169-02	PE26_15	08/07/24
BH40462-BLK1	Blank	08/07/24
BH40462-SRM1	Reference	08/07/24

Batch ID: BH40468 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/07/24
24H0169-02	PE26_15	08/07/24
BH40468-BLK1	Blank	08/07/24
BH40468-SRM1	Reference	08/07/24

Batch ID: BH40571 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/08/24
24H0169-02	PE26_15	08/08/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41992 - EPA 5030B											
Blank (BG41992-BLK1) Blank									Prepared & Analyzed: 08/05/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41992 - EPA 5030B											
Blank (BG41992-BLK1) Blank								Prepared & Analyzed: 08/05/2024			
n-Butylbenzene	ND	0.50	ug/L								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: SURR: Toluene-d8	*8.94*		*"*	*10.0*		*89.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.24*		*"*	*10.0*		*92.4*	*79-122*				
LCS (BG41992-BS1) LCS								Prepared & Analyzed: 08/05/2024			
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		103	82-126				
1,1,1-Trichloroethane	12		"	10.0		124	78-136				
1,1,2,2-Tetrachloroethane	8.6		"	10.0		85.5	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14		"	10.0		139	54-165				
1,1,2-Trichloroethane	9.2		"	10.0		91.8	82-123				
1,1-Dichloroethane	12		"	10.0		124	82-129				
1,1-Dichloroethylene	13		"	10.0		133	68-138				
1,2,3-Trichlorobenzene	7.0		"	10.0		70.3	40-130				
1,2,3-Trichloropropane	8.4		"	10.0		84.2	77-128				
1,2,4-Trichlorobenzene	7.6		"	10.0		75.5	65-137				
1,2,4-Trimethylbenzene	11		"	10.0		108	82-132				
1,2-Dibromo-3-chloropropane	7.6		"	10.0		75.5	45-147				
1,2-Dibromoethane	8.6		"	10.0		86.4	83-124				
1,2-Dichlorobenzene	9.8		"	10.0		98.2	79-123				
1,2-Dichloroethane	11		"	10.0		115	73-132				
1,2-Dichloropropane	10		"	10.0		104	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		111	80-131				
1,3-Dichlorobenzene	10		"	10.0		102	86-130				
1,4-Dichlorobenzene	9.8		"	10.0		97.8	85-130				
1,4-Dioxane	150		"	210		71.9	10-349				
2-Butanone	5.3		"	10.0		52.6	49-152				
2-Hexanone	6.0		"	10.0		60.3	51-146				
4-Methyl-2-pentanone	6.2		"	10.0		61.8	57-145				
Acetone	8.4		"	10.0		84.1	14-150				
Acrolein	2.9		"	10.0		28.7	10-153				
Acrylonitrile	8.9		"	10.0		88.7	51-150				
Benzene	13		"	10.0		129	85-126	High Bias			
Bromochloromethane	11		"	10.0		110	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41992 - EPA 5030B											
LCS (BG41992-BS1) LCS							Prepared & Analyzed: 08/05/2024				
Bromodichloromethane	10		ug/L	10.0		101	79-128				
Bromoform	7.5		"	10.0		75.4	78-133	Low Bias			
Bromomethane	20		"	10.0		204	43-168	High Bias			
Carbon disulfide	13		"	10.0		128	68-146				
Carbon tetrachloride	13		"	10.0		128	77-141				
Chlorobenzene	10		"	10.0		105	88-120				
Chloroethane	15		"	10.0		151	65-136	High Bias			
Chloroform	13		"	10.0		126	82-128				
Chloromethane	12		"	10.0		121	43-155				
cis-1,2-Dichloroethylene	13		"	10.0		126	83-129				
cis-1,3-Dichloropropylene	9.2		"	10.0		91.8	80-131				
Cyclohexane	6.1		"	10.0		60.9	63-149	Low Bias			
Dibromochloromethane	8.9		"	10.0		88.9	80-130				
Dibromomethane	8.8		"	10.0		88.2	72-134				
Dichlorodifluoromethane	10		"	10.0		104	44-144				
Ethyl Benzene	11		"	10.0		115	80-131				
Hexachlorobutadiene	10		"	10.0		105	67-146				
Isopropylbenzene	11		"	10.0		113	76-140				
Methyl acetate	8.7		"	10.0		87.2	51-139				
Methyl tert-butyl ether (MTBE)	9.1		"	10.0		90.6	76-135				
Methylcyclohexane	11		"	10.0		108	72-143				
Methylene chloride	11		"	10.0		113	55-137				
n-Butylbenzene	11		"	10.0		110	79-132				
n-Propylbenzene	11		"	10.0		113	78-133				
o-Xylene	11		"	10.0		109	78-130				
p- & m- Xylenes	22		"	20.0		112	77-133				
p-Isopropyltoluene	11		"	10.0		112	81-136				
sec-Butylbenzene	11		"	10.0		110	79-137				
Styrene	11		"	10.0		109	67-132				
tert-Butyl alcohol (TBA)	22		"	50.0		43.1	25-162				
tert-Butylbenzene	9.5		"	10.0		95.0	77-138				
Tetrachloroethylene	11		"	10.0		107	82-131				
Toluene	11		"	10.0		112	80-127				
trans-1,2-Dichloroethylene	13		"	10.0		128	80-132				
trans-1,3-Dichloropropylene	8.7		"	10.0		87.2	78-131				
trans-1,4-dichloro-2-butene	8.6		"	10.0		85.8	63-141				
Trichloroethylene	11		"	10.0		110	82-128				
Trichlorofluoromethane	16		"	10.0		158	67-139	High Bias			
Vinyl Chloride	13		"	10.0		133	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.69*		*"*	*10.0*		*86.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.21*		*"*	*10.0*		*92.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.54*		*"*	*10.0*		*95.4*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41992 - EPA 5030B											
LCS Dup (BG41992-BSD1) LCS Dup								Prepared & Analyzed: 08/05/2024			
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		106	82-126		3.35	30	
1,1,1-Trichloroethane	12		"	10.0		122	78-136		2.04	30	
1,1,2,2-Tetrachloroethane	8.8		"	10.0		88.2	76-129		3.11	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14		"	10.0		136	54-165		2.62	30	
1,1,2-Trichloroethane	9.9		"	10.0		99.2	82-123		7.75	30	
1,1-Dichloroethane	12		"	10.0		123	82-129		1.13	30	
1,1-Dichloroethylene	13		"	10.0		130	68-138		1.90	30	
1,2,3-Trichlorobenzene	7.3		"	10.0		73.3	40-130		4.18	30	
1,2,3-Trichloropropane	8.9		"	10.0		89.3	77-128		5.88	30	
1,2,4-Trichlorobenzene	7.4		"	10.0		74.2	65-137		1.74	30	
1,2,4-Trimethylbenzene	9.6		"	10.0		95.7	82-132		11.7	30	
1,2-Dibromo-3-chloropropane	8.2		"	10.0		82.3	45-147		8.62	30	
1,2-Dibromoethane	9.5		"	10.0		95.3	83-124		9.80	30	
1,2-Dichlorobenzene	8.9		"	10.0		89.4	79-123		9.38	30	
1,2-Dichloroethane	12		"	10.0		122	73-132		6.33	30	
1,2-Dichloropropane	10		"	10.0		104	78-126		0.193	30	
1,3,5-Trimethylbenzene	9.6		"	10.0		96.3	80-131		13.8	30	
1,3-Dichlorobenzene	9.3		"	10.0		93.3	86-130		8.42	30	
1,4-Dichlorobenzene	9.0		"	10.0		90.2	85-130		8.09	30	
1,4-Dioxane	160		"	210		76.3	10-349		5.92	30	
2-Butanone	12		"	10.0		122	49-152		79.2	30	Non-dir.
2-Hexanone	7.9		"	10.0		78.9	51-146		26.7	30	
4-Methyl-2-pentanone	7.3		"	10.0		73.2	57-145		16.9	30	
Acetone	11		"	10.0		108	14-150		24.6	30	
Acrolein	3.0		"	10.0		29.5	10-153		2.75	30	
Acrylonitrile	10		"	10.0		105	51-150		16.8	30	
Benzene	13		"	10.0		129	85-126	High Bias	0.310	30	
Bromochloromethane	12		"	10.0		117	77-128		5.90	30	
Bromodichloromethane	10		"	10.0		102	79-128		1.38	30	
Bromoform	8.7		"	10.0		86.6	78-133		13.8	30	
Bromomethane	20		"	10.0		199	43-168	High Bias	2.43	30	
Carbon disulfide	12		"	10.0		123	68-146		4.14	30	
Carbon tetrachloride	13		"	10.0		128	77-141		0.234	30	
Chlorobenzene	10		"	10.0		103	88-120		1.64	30	
Chloroethane	14		"	10.0		144	65-136	High Bias	4.74	30	
Chloroform	13		"	10.0		127	82-128		1.18	30	
Chloromethane	12		"	10.0		116	43-155		3.63	30	
cis-1,2-Dichloroethylene	13		"	10.0		125	83-129		0.636	30	
cis-1,3-Dichloropropylene	9.5		"	10.0		94.9	80-131		3.32	30	
Cyclohexane	6.0		"	10.0		60.0	63-149	Low Bias	1.49	30	
Dibromochloromethane	9.7		"	10.0		96.7	80-130		8.41	30	
Dibromomethane	9.8		"	10.0		97.8	72-134		10.3	30	
Dichlorodifluoromethane	10		"	10.0		99.9	44-144		4.12	30	
Ethyl Benzene	11		"	10.0		111	80-131		3.10	30	
Hexachlorobutadiene	8.8		"	10.0		87.9	67-146		17.7	30	
Isopropylbenzene	9.7		"	10.0		96.7	76-140		15.7	30	
Methyl acetate	10		"	10.0		104	51-139		17.6	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		109	76-135		18.1	30	
Methylcyclohexane	10		"	10.0		101	72-143		6.12	30	
Methylene chloride	12		"	10.0		117	55-137		3.47	30	
n-Butylbenzene	9.4		"	10.0		94.2	79-132		15.0	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41992 - EPA 5030B											
LCS Dup (BG41992-BSD1) LCS Dup								Prepared & Analyzed: 08/05/2024			
n-Propylbenzene	9.7		ug/L	10.0		96.8	78-133		15.8	30	
o-Xylene	11		"	10.0		107	78-130		2.23	30	
p- & m- Xylenes	21		"	20.0		107	77-133		4.47	30	
p-Isopropyltoluene	9.6		"	10.0		96.3	81-136		15.1	30	
sec-Butylbenzene	9.4		"	10.0		93.8	79-137		15.6	30	
Styrene	11		"	10.0		110	67-132		0.274	30	
tert-Butyl alcohol (TBA)	32		"	50.0		64.9	25-162		40.4	30	Non-dir.
tert-Butylbenzene	8.2		"	10.0		81.7	77-138		15.1	30	
Tetrachloroethylene	9.8		"	10.0		98.4	82-131		8.56	30	
Toluene	11		"	10.0		106	80-127		5.70	30	
trans-1,2-Dichloroethylene	13		"	10.0		127	80-132		1.10	30	
trans-1,3-Dichloropropylene	9.4		"	10.0		94.2	78-131		7.72	30	
trans-1,4-dichloro-2-butene	8.7		"	10.0		87.4	63-141		1.85	30	
Trichloroethylene	10		"	10.0		102	82-128		7.63	30	
Trichlorofluoromethane	15		"	10.0		151	67-139	High Bias	3.95	30	
Vinyl Chloride	13		"	10.0		134	58-145		0.450	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.84*		*"*	*10.0*		*98.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*8.89*		*"*	*10.0*		*88.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.92*		*"*	*10.0*		*89.2*	*79-122*				
Batch BG41999 - EPA 5035A											
Blank (BG41999-BLK1) Blank								Prepared & Analyzed: 08/05/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41999 - EPA 5035A											
Blank (BG41999-BLK1) Blank									Prepared & Analyzed: 08/05/2024		
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41999 - EPA 5035A											
LCS (BG41999-BS1) LCS							Prepared & Analyzed: 08/05/2024				
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		103	75-129				
1,1,1-Trichloroethane	57		"	50.0		115	71-137				
1,1,2,2-Tetrachloroethane	51		"	50.0		102	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	64		"	50.0		128	58-146				
1,1,2-Trichloroethane	50		"	50.0		99.9	83-123				
1,1-Dichloroethane	59		"	50.0		119	75-130				
1,1-Dichloroethylene	64		"	50.0		128	64-137				
1,2,3-Trichlorobenzene	54		"	50.0		107	81-140				
1,2,3-Trichloropropane	48		"	50.0		95.9	81-126				
1,2,4-Trichlorobenzene	56		"	50.0		112	80-141				
1,2,4-Trimethylbenzene	55		"	50.0		109	84-125				
1,2-Dibromo-3-chloropropane	52		"	50.0		104	74-142				
1,2-Dibromoethane	50		"	50.0		99.8	86-123				
1,2-Dichlorobenzene	50		"	50.0		100	85-122				
1,2-Dichloroethane	55		"	50.0		110	71-133				
1,2-Dichloropropane	54		"	50.0		108	81-122				
1,3,5-Trimethylbenzene	55		"	50.0		110	82-126				
1,3-Dichlorobenzene	51		"	50.0		102	84-124				
1,4-Dichlorobenzene	50		"	50.0		101	84-124				
1,4-Dioxane	850		"	1050		81.2	10-228				
2-Butanone	57		"	50.0		113	58-147				
2-Hexanone	53		"	50.0		105	70-139				
4-Methyl-2-pentanone	39		"	50.0		78.9	72-132				
Acetone	43		"	50.0		85.6	36-155				
Acrolein	21		"	50.0		41.8	10-238				
Acrylonitrile	58		"	50.0		116	66-141				
Benzene	57		"	50.0		115	77-127				
Bromochloromethane	61		"	50.0		122	74-129				
Bromodichloromethane	53		"	50.0		105	81-124				
Bromoform	50		"	50.0		101	80-136				
Bromomethane	60		"	50.0		120	32-177				
Carbon disulfide	65		"	50.0		129	10-136				
Carbon tetrachloride	56		"	50.0		113	66-143				
Chlorobenzene	52		"	50.0		103	86-120				
Chloroethane	66		"	50.0		132	51-142				
Chloroform	56		"	50.0		112	76-131				
Chloromethane	70		"	50.0		139	49-132	High Bias			
cis-1,2-Dichloroethylene	60		"	50.0		120	74-132				
cis-1,3-Dichloropropylene	54		"	50.0		108	81-129				
Cyclohexane	68		"	50.0		135	70-130	High Bias			
Dibromochloromethane	51		"	50.0		103	10-200				
Dibromomethane	49		"	50.0		98.8	83-124				
Dichlorodifluoromethane	48		"	50.0		95.8	28-158				
Ethyl Benzene	54		"	50.0		109	84-125				
Hexachlorobutadiene	54		"	50.0		108	83-133				
Isopropylbenzene	54		"	50.0		108	81-127				
Methyl acetate	52		"	50.0		104	41-143				
Methyl tert-butyl ether (MTBE)	58		"	50.0		115	74-131				
Methylcyclohexane	55		"	50.0		110	70-130				
Methylene chloride	59		"	50.0		119	57-141				
n-Butylbenzene	56		"	50.0		111	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41999 - EPA 5035A											
LCS (BG41999-BS1) LCS								Prepared & Analyzed: 08/05/2024			
n-Propylbenzene	54		ug/L	50.0		108	74-136				
o-Xylene	52		"	50.0		104	83-123				
p- & m- Xylenes	110		"	100		105	82-128				
p-Isopropyltoluene	55		"	50.0		110	85-125				
sec-Butylbenzene	54		"	50.0		109	83-125				
Styrene	55		"	50.0		109	86-126				
tert-Butyl alcohol (TBA)	260		"	250		104	70-130				
tert-Butylbenzene	47		"	50.0		93.8	80-127				
Tetrachloroethylene	42		"	50.0		84.1	80-129				
Toluene	53		"	50.0		105	85-121				
trans-1,2-Dichloroethylene	62		"	50.0		124	72-132				
trans-1,3-Dichloropropylene	56		"	50.0		112	78-132				
trans-1,4-dichloro-2-butene	53		"	50.0		106	75-135				
Trichloroethylene	53		"	50.0		106	84-123				
Trichlorofluoromethane	60		"	50.0		120	62-140				
Vinyl Chloride	70		"	50.0		140	52-130	High Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.2*		*"*	*50.0*		*96.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				
LCS Dup (BG41999-BSD1) LCS Dup								Prepared & Analyzed: 08/05/2024			
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		104	75-129		0.540	30	
1,1,1-Trichloroethane	57		"	50.0		114	71-137		0.0873	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		106	79-129		3.66	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	65		"	50.0		130	58-146		2.29	30	
1,1,2-Trichloroethane	51		"	50.0		103	83-123		2.63	30	
1,1-Dichloroethane	60		"	50.0		120	75-130		1.12	30	
1,1-Dichloroethylene	64		"	50.0		129	64-137		0.280	30	
1,2,3-Trichlorobenzene	54		"	50.0		107	81-140		0.0373	30	
1,2,3-Trichloropropane	51		"	50.0		103	81-126		6.85	30	
1,2,4-Trichlorobenzene	55		"	50.0		109	80-141		2.15	30	
1,2,4-Trimethylbenzene	54		"	50.0		108	84-125		0.808	30	
1,2-Dibromo-3-chloropropane	53		"	50.0		106	74-142		1.98	30	
1,2-Dibromoethane	50		"	50.0		101	86-123		0.858	30	
1,2-Dichlorobenzene	50		"	50.0		101	85-122		0.757	30	
1,2-Dichloroethane	55		"	50.0		111	71-133		1.16	30	
1,2-Dichloropropane	54		"	50.0		109	81-122		0.295	30	
1,3,5-Trimethylbenzene	55		"	50.0		111	82-126		0.253	30	
1,3-Dichlorobenzene	51		"	50.0		101	84-124		0.729	30	
1,4-Dichlorobenzene	50		"	50.0		99.3	84-124		1.50	30	
1,4-Dioxane	860		"	1050		81.8	10-228		0.747	30	
2-Butanone	61		"	50.0		122	58-147		7.57	30	
2-Hexanone	57		"	50.0		114	70-139		7.64	30	
4-Methyl-2-pentanone	41		"	50.0		82.7	72-132		4.65	30	
Acetone	46		"	50.0		91.0	36-155		6.16	30	
Acrolein	20		"	50.0		40.3	10-238		3.60	30	
Acrylonitrile	62		"	50.0		123	66-141		5.53	30	
Benzene	58		"	50.0		115	77-127		0.713	30	
Bromochloromethane	62		"	50.0		123	74-129		0.931	30	
Bromodichloromethane	53		"	50.0		106	81-124		1.15	30	
Bromoform	52		"	50.0		104	80-136		3.00	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41999 - EPA 5035A											
LCS Dup (BG41999-BSD1) LCS Dup								Prepared & Analyzed: 08/05/2024			
Bromomethane	60		ug/L	50.0		121	32-177		0.582	30	
Carbon disulfide	64		"	50.0		129	10-136		0.511	30	
Carbon tetrachloride	56		"	50.0		112	66-143		0.231	30	
Chlorobenzene	52		"	50.0		103	86-120		0.291	30	
Chloroethane	64		"	50.0		129	51-142		2.65	30	
Chloroform	56		"	50.0		113	76-131		0.409	30	
Chloromethane	69		"	50.0		138	49-132	High Bias	1.10	30	
cis-1,2-Dichloroethylene	61		"	50.0		121	74-132		1.16	30	
cis-1,3-Dichloropropylene	54		"	50.0		109	81-129		0.869	30	
Cyclohexane	67		"	50.0		134	70-130	High Bias	0.579	30	
Dibromochloromethane	52		"	50.0		104	10-200		0.755	30	
Dibromomethane	50		"	50.0		99.5	83-124		0.686	30	
Dichlorodifluoromethane	47		"	50.0		94.1	28-158		1.87	30	
Ethyl Benzene	54		"	50.0		109	84-125		0.166	30	
Hexachlorobutadiene	53		"	50.0		106	83-133		1.27	30	
Isopropylbenzene	54		"	50.0		109	81-127		1.05	30	
Methyl acetate	55		"	50.0		110	41-143		4.82	30	
Methyl tert-butyl ether (MTBE)	59		"	50.0		119	74-131		2.79	30	
Methylcyclohexane	55		"	50.0		109	70-130		0.657	30	
Methylene chloride	60		"	50.0		119	57-141		0.438	30	
n-Butylbenzene	54		"	50.0		109	80-130		2.11	30	
n-Propylbenzene	54		"	50.0		109	74-136		0.351	30	
o-Xylene	53		"	50.0		105	83-123		0.573	30	
p- & m- Xylenes	110		"	100		106	82-128		0.436	30	
p-Isopropyltoluene	55		"	50.0		110	85-125		0.400	30	
sec-Butylbenzene	54		"	50.0		108	83-125		0.628	30	
Styrene	54		"	50.0		109	86-126		0.238	30	
tert-Butyl alcohol (TBA)	290		"	250		117	70-130		12.1	30	
tert-Butylbenzene	47		"	50.0		94.1	80-127		0.277	30	
Tetrachloroethylene	42		"	50.0		83.9	80-129		0.238	30	
Toluene	53		"	50.0		105	85-121		0.266	30	
trans-1,2-Dichloroethylene	62		"	50.0		124	72-132		0.177	30	
trans-1,3-Dichloropropylene	57		"	50.0		113	78-132		1.69	30	
trans-1,4-dichloro-2-butene	55		"	50.0		111	75-135		4.08	30	
Trichloroethylene	53		"	50.0		106	84-123		0.132	30	
Trichlorofluoromethane	60		"	50.0		119	62-140		0.701	30	
Vinyl Chloride	68		"	50.0		136	52-130	High Bias	2.48	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*96.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*76-130*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40420 - EPA 3550C											
Blank (BH40420-BLK1) Blank								Prepared & Analyzed: 08/07/2024			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*422*		*"*	*495*		*85.2*	*39-127.5*				
LCS (BH40420-BS1) LCS								Prepared & Analyzed: 08/07/2024			
1,4-Dioxane	451	19.8	ug/kg	495		91.2	40-130				
Surrogate: 1,4-Dioxane-d8	*478*		*"*	*495*		*96.5*	*39-127.5*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40419 - EPA 1633 Prep											
Blank (BH40419-BLK1) Blank									Prepared: 08/07/2024 Analyzed: 08/09/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.992	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.96	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*2.21*		"	*2.31*		*95.8*	*25-150*				
Surrogate: M5PFHxA	*2.62*		"	*2.48*		*106*	*25-150*				
Surrogate: M4PFHpA	*2.65*		"	*2.48*		*107*	*25-150*				
Surrogate: M3PFHxS	*2.41*		"	*2.35*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.48*		"	*2.48*		*99.8*	*25-150*				
Surrogate: M6PFDA	*1.09*		"	*1.24*		*88.2*	*25-150*				
Surrogate: M7PFUdA	*1.29*		"	*1.24*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.47*		"	*1.24*		*118*	*25-150*				
Surrogate: M2PFTeDA	*1.84*		"	*1.24*		*148*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40419 - EPA 1633 Prep											
Blank (BH40419-BLK1) Blank									Prepared: 08/07/2024 Analyzed: 08/09/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.5*		*ug/kg wet*	*9.92*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.86*		*"*	*2.38*		*78.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.54*		*"*	*4.96*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.10*		*"*	*2.48*		*44.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.01*		*"*	*4.96*		*40.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.34*		*"*	*4.96*		*47.2*	*25-150*				
Surrogate: M2-6:2 FTS	*0.973*		*"*	*4.72*		*20.6*	*25-200*				
Surrogate: M2-8:2 FTS	*1.31*		*"*	*4.76*		*27.4*	*25-200*				
Surrogate: M9PFNA	*1.12*		*"*	*1.24*		*90.7*	*25-150*				
Surrogate: M2-4:2 FTS	*1.24*		*"*	*4.65*		*26.6*	*25-150*				
Surrogate: d-N-MeFOSA	*0.999*		*"*	*2.48*		*40.3*	*25-150*				
Surrogate: d-N-EtFOSA	*0.664*		*"*	*2.48*		*26.8*	*25-150*				
Surrogate: M3HFPO-DA	*6.87*		*"*	*9.92*		*69.2*	*25-150*				
Surrogate: d9-N-EtFOSE	*24.5*		*"*	*24.8*		*98.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*29.6*		*"*	*24.8*		*119*	*25-150*				
LCS (BH40419-BS1) LCS									Prepared: 08/07/2024 Analyzed: 08/09/2024		
Perfluorobutanesulfonic acid (PFBS)	3.47	0.175	ug/kg wet	3.50		98.9	50-150				
Perfluorohexanoic acid (PFHxA)	3.43	0.198	"	3.96		86.7	50-150				
Perfluoroheptanoic acid (PFHpA)	3.58	0.198	"	3.96		90.5	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.70	0.181	"	3.62		102	50-150				
Perfluorooctanoic acid (PFOA)	3.34	0.198	"	3.96		84.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.28	0.184	"	3.68		89.1	50-150				
Perfluorononanoic acid (PFNA)	4.39	0.198	"	3.96		111	50-150				
Perfluorodecanoic acid (PFDA)	3.81	0.198	"	3.96		96.1	50-150				
Perfluoroundecanoic acid (PFUnA)	3.82	0.198	"	3.96		96.5	50-150				
Perfluorododecanoic acid (PFDoA)	3.55	0.198	"	3.96		89.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.72	0.198	"	3.96		93.9	50-150				
Perfluorotetradecanoic acid (PFTA)	3.49	0.198	"	3.96		88.2	50-150				
N-MeFOSAA	4.09	0.198	"	3.96		103	50-150				
N-EtFOSAA	3.85	0.198	"	3.96		97.3	50-150				
Perfluoropentanoic acid (PFPeA)	7.30	0.396	"	7.92		92.1	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.18	0.198	"	3.96		131	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.70	0.198	"	3.78		97.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.91	0.191	"	3.82		76.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.8	0.752	"	15.0		105	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.8	0.760	"	15.2		104	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.4	0.792	"	15.8		97.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.86	0.352	"	7.05		97.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.12	0.396	"	7.92		77.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.79	0.396	"	7.92		98.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.10	0.396	"	7.92		89.7	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.86	0.186	"	3.72		104	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.6	0.743	"	14.9		91.5	50-150				
HFPO-DA (Gen-X)	5.68	0.792	"	7.92		71.7	50-150				
11CL-PF3OUdS	7.03	0.749	"	7.49		94.0	50-150				
9CL-PF3ONS	8.64	0.741	"	7.41		117	50-150				
ADONA	9.40	0.749	"	7.49		126	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40419 - EPA 1633 Prep											
LCS (BH40419-BS1) LCS									Prepared: 08/07/2024 Analyzed: 08/09/2024		
Perfluorododecanesulfonic acid (PFDoS)	3.00	0.192	ug/kg wet	3.84		78.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.71	0.190	"	3.80		97.6	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	8.35	0.990	"	15.8		52.7	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	49.6	4.95	"	79.2		62.6	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	39.9	4.95	"	79.2		50.4	50-150				
N-MeFOSE	37.0	1.98	"	39.6		93.4	50-150				
N-MeFOSA	3.58	0.198	"	3.96		90.3	50-150				
N-EtFOSE	35.4	1.98	"	39.6		89.3	50-150				
N-EtFOSA	5.61	0.198	"	3.96		142	50-150				
Surrogate: M3PFBS	*2.31*		"	*2.31*		*100*	*25-150*				
Surrogate: M5PFHxA	*2.67*		"	*2.48*		*108*	*25-150*				
Surrogate: M4PFHpA	*2.57*		"	*2.48*		*104*	*25-150*				
Surrogate: M3PFHxS	*2.26*		"	*2.35*		*96.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.32*		"	*2.48*		*93.7*	*25-150*				
Surrogate: M6PFDA	*0.914*		"	*1.24*		*73.8*	*25-150*				
Surrogate: M7PFUdA	*0.918*		"	*1.24*		*74.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.19*		"	*1.24*		*96.2*	*25-150*				
Surrogate: M2PFTeDA	*1.47*		"	*1.24*		*119*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.3*		"	*9.90*		*104*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.69*		"	*2.37*		*71.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.82*		"	*4.95*		*118*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.880*		"	*2.48*		*35.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.53*		"	*4.95*		*31.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*1.79*		"	*4.95*		*36.1*	*25-150*				
Surrogate: M2-6:2 FTS	*1.03*		"	*4.71*		*21.9*	*25-200*				
Surrogate: M2-8:2 FTS	*1.20*		"	*4.75*		*25.2*	*25-200*				
Surrogate: M9PFNA	*0.765*		"	*1.24*		*61.8*	*25-150*				
Surrogate: M2-4:2 FTS	*1.58*		"	*4.64*		*34.0*	*25-150*				
Surrogate: d-N-MeFOSA	*0.962*		"	*2.48*		*38.9*	*25-150*				
Surrogate: d-N-EtFOSA	*0.578*		"	*2.48*		*23.4*	*25-150*				
Surrogate: M3HFPO-DA	*7.59*		"	*9.90*		*76.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*19.8*		"	*24.8*		*80.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*24.3*		"	*24.8*		*98.1*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40419 - EPA 1633 Prep											
LCS (BH40419-BS2) LCS								Prepared: 08/07/2024 Analyzed: 08/09/2024			
Perfluorobutanesulfonic acid (PFBS)	0.767	0.176	ug/kg wet	0.705		109	50-150				
Perfluorohexanoic acid (PFHxA)	0.734	0.199	"	0.797		92.1	50-150				
Perfluoroheptanoic acid (PFHpA)	0.713	0.199	"	0.797		89.5	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.773	0.182	"	0.729		106	50-150				
Perfluorooctanoic acid (PFOA)	0.673	0.199	"	0.797		84.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.707	0.185	"	0.741		95.4	50-150				
Perfluorononanoic acid (PFNA)	0.725	0.199	"	0.797		91.0	50-150				
Perfluorodecanoic acid (PFDA)	0.618	0.199	"	0.797		77.6	50-150				
Perfluoroundecanoic acid (PFUnA)	0.837	0.199	"	0.797		105	50-150				
Perfluorododecanoic acid (PFDoA)	0.734	0.199	"	0.797		92.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.743	0.199	"	0.797		93.2	50-150				
Perfluorotetradecanoic acid (PFTA)	0.725	0.199	"	0.797		90.9	50-150				
N-MeFOSAA	0.861	0.199	"	0.797		108	50-150				
N-EtFOSAA	0.547	0.199	"	0.797		68.6	50-150				
Perfluoropentanoic acid (PFPeA)	1.48	0.398	"	1.59		93.1	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.985	0.199	"	0.797		124	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.819	0.199	"	0.761		108	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.507	0.192	"	0.769		65.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.17	0.757	"	3.03		105	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.46	0.765	"	3.06		113	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.07	0.797	"	3.19		96.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.51	0.355	"	1.42		106	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.34	0.398	"	1.59		83.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.67	0.398	"	1.59		105	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.45	0.398	"	1.59		90.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.702	0.187	"	0.749		93.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	3.12	0.747	"	2.99		104	50-150				
HFPO-DA (Gen-X)	0.933	0.797	"	1.59		58.5	50-150				
11CL-PF3OUdS	1.62	0.753	"	1.51		107	50-150				
9CL-PF3ONS	2.06	0.745	"	1.49		138	50-150				
ADONA	1.88	0.753	"	1.51		125	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.736	0.193	"	0.773		95.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.879	0.191	"	0.765		115	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.15	0.996	"	3.19		36.1	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	10.4	4.98	"	15.9		65.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	9.09	4.98	"	15.9		57.1	50-150				
N-MeFOSE	7.56	1.99	"	7.97		94.8	50-150				
N-MeFOSA	0.385	0.199	"	0.797		48.4	50-150	Low Bias			
N-EtFOSE	7.40	1.99	"	7.97		92.8	50-150				
N-EtFOSA	1.10	0.199	"	0.797		138	50-150				
Surrogate: M3PFBS	*2.29*		"	*2.32*		*98.9*	*25-150*				
Surrogate: M5PFHxA	*2.74*		"	*2.49*		*110*	*25-150*				
Surrogate: M4PFHpA	*2.76*		"	*2.49*		*111*	*25-150*				
Surrogate: M3PFHxS	*2.40*		"	*2.36*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.73*		"	*2.49*		*110*	*25-150*				
Surrogate: M6PFDA	*1.23*		"	*1.25*		*99.1*	*25-150*				
Surrogate: M7PFUdA	*1.31*		"	*1.25*		*105*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.32*		"	*1.25*		*106*	*25-150*				
Surrogate: M2PFTeDA	*1.69*		"	*1.25*		*136*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40419 - EPA 1633 Prep											
LCS (BH40419-BS2) LCS									Prepared: 08/07/2024 Analyzed: 08/09/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.8*		*ug/kg wet*	*9.96*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.00*		*"*	*2.39*		*84.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.12*		*"*	*4.98*		*123*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.17*		*"*	*2.49*		*47.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.30*		*"*	*4.98*		*46.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.39*		*"*	*4.98*		*47.9*	*25-150*				
Surrogate: M2-6:2 FTS	*1.07*		*"*	*4.74*		*22.6*	*25-200*				
Surrogate: M2-8:2 FTS	*1.32*		*"*	*4.78*		*27.6*	*25-200*				
Surrogate: M9PFNA	*1.24*		*"*	*1.25*		*99.8*	*25-150*				
Surrogate: M2-4:2 FTS	*1.30*		*"*	*4.67*		*27.7*	*25-150*				
Surrogate: d-N-MeFOSA	*1.16*		*"*	*2.49*		*46.7*	*25-150*				
Surrogate: d-N-EtFOSA	*0.826*		*"*	*2.49*		*33.2*	*25-150*				
Surrogate: M3HFPO-DA	*8.35*		*"*	*9.96*		*83.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*25.4*		*"*	*24.9*		*102*	*25-150*				
Surrogate: d7-N-MeFOSE	*29.2*		*"*	*24.9*		*117*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40195 - EPA 3550C											
Blank (BH40195-BLK1) Blank									Prepared: 08/04/2024 Analyzed: 08/05/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0440*		*"*	*0.0664*		*66.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0474*		*"*	*0.0664*		*71.3*	*30-150*				
LCS (BH40195-BS1) LCS									Prepared: 08/04/2024 Analyzed: 08/05/2024		
4,4'-DDD	0.0475	0.00164	mg/kg wet	0.0664		71.5	40-140				
4,4'-DDE	0.0457	0.00164	"	0.0664		68.8	40-140				
4,4'-DDT	0.0508	0.00164	"	0.0664		76.5	40-140				
Aldrin	0.0448	0.00164	"	0.0664		67.5	40-140				
alpha-BHC	0.0471	0.00164	"	0.0664		70.9	40-140				
alpha-Chlordane	0.0490	0.00164	"	0.0664		73.8	40-140				
beta-BHC	0.0503	0.00164	"	0.0664		75.8	40-140				
delta-BHC	0.0473	0.00164	"	0.0664		71.1	40-140				
Dieldrin	0.0489	0.00164	"	0.0664		73.6	40-140				
Endosulfan I	0.0532	0.00164	"	0.0664		80.1	40-140				
Endosulfan II	0.0538	0.00164	"	0.0664		81.0	40-140				
Endosulfan sulfate	0.0510	0.00164	"	0.0664		76.7	40-140				
Endrin	0.0518	0.00164	"	0.0664		77.9	40-140				
Endrin aldehyde	0.0529	0.00164	"	0.0664		79.6	40-140				
Endrin ketone	0.0547	0.00164	"	0.0664		82.3	40-140				
gamma-BHC (Lindane)	0.0480	0.00164	"	0.0664		72.2	40-140				
gamma-Chlordane	0.0493	0.00164	"	0.0664		74.2	40-140				
Heptachlor	0.0515	0.00164	"	0.0664		77.5	40-140				
Heptachlor epoxide	0.0499	0.00164	"	0.0664		75.1	40-140				
Methoxychlor	0.0511	0.00164	"	0.0664		76.9	40-140				
Surrogate: Decachlorobiphenyl	*0.0883*		*"*	*0.133*		*66.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0932*		*"*	*0.133*		*70.2*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40195 - EPA 3550C											
Blank (BH40195-BLK2) Blank									Prepared: 08/04/2024 Analyzed: 08/05/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0488*		*"*	*0.0664*		*73.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0478*		*"*	*0.0664*		*72.0*	*30-140*				
LCS (BH40195-BS2) LCS									Prepared: 08/04/2024 Analyzed: 08/05/2024		
Aroclor 1016	0.320	0.0166	mg/kg wet	0.332		96.3	40-130				
Aroclor 1260	0.345	0.0166	"	0.332		104	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0475*		*"*	*0.0664*		*71.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0465*		*"*	*0.0664*		*70.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40192 - EPA 3550C/8151A											
Blank (BH40192-BLK1) Blank									Prepared: 08/04/2024 Analyzed: 08/05/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.137*		*"*	*0.415*		*33.0*	*21-150*				
LCS (BH40192-BS1) LCS									Prepared: 08/04/2024 Analyzed: 08/06/2024		
2,4,5-T	0.0814	0.0199	mg/kg wet	0.0664		122	10-120	High Bias			
2,4,5-TP (Silvex)	0.0764	0.0199	"	0.0664		115	10-120				
2,4-D	0.0789	0.0199	"	0.0664		119	10-118	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.462*		*"*	*0.415*		*111*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40468 - EPA 3050B											
Blank (BH40468-BLK1) Blank									Prepared: 08/07/2024 Analyzed: 08/08/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BH40468-SRM1) Reference									Prepared: 08/07/2024 Analyzed: 08/08/2024		
Aluminum	6330	4.17	mg/kg wet	7680		82.4	46.7-129.9				
Antimony	67.9	2.08	"	257		26.4	1-100				
Arsenic	307	1.25	"	360		85.3	70.6-102.2				
Barium	315	2.08	"	332		95.0	75-108.1				
Beryllium	188	0.042	"	183		103	76.5-108.2				
Cadmium	215	0.250	"	238		90.3	73.5-105				
Calcium	5210	4.17	"	5490		95.0	77.2-110.9				
Chromium	186	0.417	"	199		93.5	73.4-107				
Cobalt	86.2	0.333	"	88.7		97.2	76.6-107.6				
Copper	228	1.67	"	227		100	74.9-105.7				
Iron	5940	20.8	"	7360		80.7	51.1-125.8				
Lead	92.8	0.417	"	100		92.8	75.9-110				
Magnesium	1680	4.17	"	1900		88.6	67.4-111.1				
Manganese	528	0.417	"	591		89.4	72.6-107.1				
Nickel	326	0.830	"	342		95.3	75.4-107.6				
Potassium	1240	4.17	"	1500		82.7	66.1-116.7				
Selenium	163	2.08	"	170		95.9	78.2-115.9				
Silver	83.3	0.420	"	88.6		94.0	73.9-112				
Sodium	633	41.7	"	527		120	68.5-115.9	High Bias			
Thallium	210	2.08	"	226		93.1	73.5-108.4				
Vanadium	105	0.830	"	118		89.0	68.1-106.8				
Zinc	170	2.08	"	183		93.0	72.7-109.3				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40462 - EPA 7473 soil											
Blank (BH40462-BLK1) Blank									Prepared: 08/07/2024 Analyzed: 08/08/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH40462-SRM1) Reference									Prepared: 08/07/2024 Analyzed: 08/08/2024		
Mercury	17.494		mg/kg	18.2		96.1	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40326 - Analysis Preparation Soil											
Blank (BH40326-BLK1) Blank									Prepared & Analyzed: 08/06/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH40326-SRM1) Reference									Prepared & Analyzed: 08/06/2024		
Cyanide, total	64.6		ug/mL	59.7		108	38.5-161.4				
Batch BH40331 - EPA SW846-3060											
Blank (BH40331-BLK1) Blank									Prepared & Analyzed: 08/06/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BH40331-SRM1) Reference									Prepared & Analyzed: 08/06/2024		
Chromium, Hexavalent	204		mg/L	227		89.6	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H0169-01	PE25_15	40mL Vial with Stir Bar-Cool 4° C
24H0169-02	PE26_15	40mL Vial with Stir Bar-Cool 4° C
24H0169-03	TB_080220254	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24H0169

Page 1 of 1

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Dr Parsippany, NJ 07054	Address:
Phone.: 973-560-4900	Phone.: SAME
Contact: Lauren Kott	Contact:
E-mail: lkott@langan.com	E-mail:

YOUR Project Name / Number: 12096 Flatlands Avenue 100688801

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Daniel Horvath

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	PCBs	Pesticides/Herbicides	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane		Grab or Comp.
PE25-15	08/02	1000	S	3									1	X	X	X	X	X	X	X	X	X		G/C
PE26-15	08/02	1030	S	3									1	X	X	X	X	X	X	X	X	X		G/C
TB-08022024					2								1	X										

Turn-Around Time

- RUSH - Next Day [ ]
- RUSH - Two Day [ ]
- RUSH - Three Day [ ]
- RUSH - Four Day [ ]
- RUSH - Five Day [ ]
- Standard (6-9 Day) [X]
- PFAS Standard 7-10 Day [ ]

Report Type (circle)

- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)

- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative

Compared to the following Regulation(s): (please fill in)

- Field Filtered
- Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Daniel Horvath/Langan	08/02/24 1345		8/2/24 1345		8/2/24 14:35
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	8/2/24 14:35 6.4		8/2/24 1800		8/2/24 1800
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
	8/2/24 19:50				8/2/24 19:50 2.7° Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H0729

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H0729

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 12, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H0729-01	PE01_15	Soil	08/12/2024	08/12/2024
24H0729-02	PE02_15	Soil	08/12/2024	08/12/2024
24H0729-03	PE09_15	Soil	08/12/2024	08/12/2024
24H0729-04	PE10_15	Soil	08/12/2024	08/12/2024
24H0729-05	PE17_15	Soil	08/12/2024	08/12/2024
24H0729-06	PE18_15	Soil	08/12/2024	08/12/2024
24H0729-07	TB_08122024	Water	08/12/2024	08/12/2024

General Notes for York Project (SDG) No.: 24H0729

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 09/09/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.040	0.081	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.021**		mg/kg dry	0.0040	0.0081	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0040	0.0081	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	QL-02	mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.5 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.222	0.444	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.222	0.444	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.0877**	J	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0913**	J	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.115**	CCVE	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0576**	J	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0860**	J	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.147**		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0611**	J	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.100**	J	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.157**		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.0 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*66.2 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.5 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*51.1 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM Certifications: NELAC-NY10854	08/13/2024 08:00	08/14/2024 13:17	SS

Surrogate Recoveries		Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*69.5 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.146	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0698	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.138	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.236	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.227	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-CCV-L	ug/kg dry	0.220	0.245	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.249	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.252	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.261	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.215	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.165	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.136	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.195	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.256	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.144	0.527	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.192	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.204	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.252	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.784	1.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.995	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.144	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.183	0.469	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.254	0.527	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0817	0.527	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.127	0.527	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.207	0.248	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.784	0.988	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.801	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.410	0.996	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.324	0.986	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.229	0.996	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.223	0.256	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.163	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.835	1.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.76	6.59	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.98	6.59	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.805	2.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.237	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.918	2.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.261	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*91.0 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*135 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*100 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*93.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*59.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*87.0 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*118 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*86.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*105 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*101 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*124 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*191 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*268 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*96.9 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*186 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*134 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*105 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*120 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*78.4 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*74.0 %*		*25-150*

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0439	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*32.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0221	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0221	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0221	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0221	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0221	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0221	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0221	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0221	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:42	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.5 %*	*30-140*

Herbicides, Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0262	1	EPA 8151A	08/13/2024 13:52	08/14/2024 18:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0262	1	EPA 8151A	08/13/2024 13:52	08/14/2024 18:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0262	1	EPA 8151A	08/13/2024 13:52	08/14/2024 18:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*90.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8790**		mg/kg dry	5.56	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.78	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.01**		mg/kg dry	1.67	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**231**		mg/kg dry	2.77	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.300**		mg/kg dry	0.056	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.578**		mg/kg dry	0.333	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2130**		mg/kg dry	5.56	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**21.3**		mg/kg dry	0.556	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.48**		mg/kg dry	0.444	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**62.6**		mg/kg dry	2.22	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15600**		mg/kg dry	27.8	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**256**		mg/kg dry	0.556	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1710**		mg/kg dry	5.56	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**130**		mg/kg dry	0.556	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**19.3**		mg/kg dry	1.11	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**777**		mg/kg dry	5.56	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.78	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.560	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**528**		mg/kg dry	55.6	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.78	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**22.6**		mg/kg dry	1.11	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**287**		mg/kg dry	2.77	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.298**		mg/kg dry	0.0400	1	EPA 7473	08/14/2024 13:57	08/15/2024 13:41	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.667	1	EPA 7196A	08/13/2024 09:13	08/13/2024 18:20	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**21.3**		mg/kg	0.500	1	Calculation	08/16/2024 15:01	08/16/2024 15:22	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**2.00**		mg/kg dry	0.667	1	EPA 9014/9010C	08/13/2024 07:13	08/13/2024 13:52	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.0**		%	0.100	1	SM 2540G	08/14/2024 13:00	08/14/2024 15:08	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.035	0.070	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.013**		mg/kg dry	0.0035	0.0070	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0035	0.0070	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0018**	J	mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	QL-02	mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.204	0.408	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.204	0.408	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.0619**	J	mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0741**	J	mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0790**	J	mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0627**	J	mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.0839**	J	mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0709**	J	mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.102**		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*68.6 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*70.1 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.3 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.1 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*48.1 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	08/13/2024 08:00	08/14/2024 13:34	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*70.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.137	0.218	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0653	0.247	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.129	0.247	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.221	0.226	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.212	0.247	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-CCV-L	ug/kg dry	0.206	0.229	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.233	0.247	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.235	0.247	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.244	0.247	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.201	0.247	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.154	0.247	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.127	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.182	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.239	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.134	0.493	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.180	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.191	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.235	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.733	0.937	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.931	0.947	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.134	0.986	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.171	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.238	0.493	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0764	0.493	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.118	0.493	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.194	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.733	0.924	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.749	0.986	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.383	0.932	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.303	0.922	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.214	0.932	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.208	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.153	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.782	1.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.59	6.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.85	6.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.753	2.47	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.222	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.859	2.47	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.244	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*133 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*102 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*146 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*104 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*109 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*100 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*93.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*69.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*68.4 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*117 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*97.0 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*132 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*100 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*106 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*150 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*139 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*109 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*170 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*179 %*	PFSu-H	*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*119 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*139 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*108 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*104 %*		*25-150*

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0405	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*238 %*	S-08, S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.0 %*		*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: PCB-Tot

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0204	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0204	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0204	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0204	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0204	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0204	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0204	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11100-14-4	**Aroclor 1268**	**0.183**		mg/kg dry	0.0204	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:56	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1336-36-3	*** Total PCBs**	**0.183**		mg/kg dry	0.0204	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:56	NF
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.0 %*		*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*241 %*	S-08, S-GC	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0244	1	EPA 8151A	08/13/2024 13:52	08/14/2024 19:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0244	1	EPA 8151A	08/13/2024 13:52	08/14/2024 19:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
94-75-7	2,4-D	ND		mg/kg dry	0.0244	1	EPA 8151A	08/13/2024 13:52	08/14/2024 19:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*102 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11100**		mg/kg dry	5.18	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.59	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.71**		mg/kg dry	1.55	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**44.4**		mg/kg dry	2.58	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.186**		mg/kg dry	0.052	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.311	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**869**		mg/kg dry	5.18	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**19.0**		mg/kg dry	0.518	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.33**		mg/kg dry	0.414	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**14.9**		mg/kg dry	2.07	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**11700**		mg/kg dry	25.9	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**104**		mg/kg dry	0.518	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1810**		mg/kg dry	5.18	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**70.8**		mg/kg dry	0.518	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.5**		mg/kg dry	1.03	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**670**		mg/kg dry	5.18	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	2.59	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.522	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**231**		mg/kg dry	51.8	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.59	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**22.5**		mg/kg dry	1.03	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**78.8**		mg/kg dry	2.58	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.323**		mg/kg dry	0.0373	1	EPA 7473	08/14/2024 13:57	08/15/2024 13:41	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.621	1	EPA 7196A	08/13/2024 09:13	08/13/2024 18:20	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**19.0**		mg/kg	0.500	1	Calculation	08/16/2024 15:01	08/16/2024 15:22	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.621	1	EPA 9014/9010C	08/13/2024 07:13	08/13/2024 13:52	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.5**		%	0.100	1	SM 2540G	08/14/2024 13:00	08/14/2024 15:08	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE09_15** **York Sample ID:** **24H0729-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.024	0.047	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0029**	CCVE	mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0096**		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	QL-02	mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.5 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.236	0.473	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.236	0.473	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.109**	J	mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.110**	J	mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.114**	J	mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0641**	J	mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.110**	J	mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.191**		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0651**	J	mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.282**		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.163**		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.211**		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*91.7 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*89.1 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*105 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.4 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM Certifications: NELAC-NY10854	08/13/2024 08:00	08/14/2024 13:52	SS

Surrogate Recoveries		Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.7 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.159	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0759	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.150	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.256	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.246	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-CCV-L	ug/kg dry	0.239	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.271	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.274	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.284	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.234	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.179	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.148	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.212	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.278	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.156	0.573	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.209	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.222	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.274	0.277	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.853	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.08	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.156	1.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.199	0.510	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.277	0.573	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0888	0.573	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.138	0.573	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.225	0.269	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.853	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.871	1.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.446	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.352	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.249	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.242	0.278	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.178	0.275	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.908	1.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	3.01	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.15	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.875	2.87	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.258	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.999	2.87	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.284	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*142 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*115 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*155 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*120 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*117 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*112 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*125 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*108 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*75.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*103 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*125 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*108 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*138 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*115 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*140 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*184 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*216 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*126 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*188 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*143 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*124 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*149 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*105 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*103 %*		*25-150*

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0473	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*35.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0239	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0239	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0239	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	**Aroclor 1242**	**0.376**		mg/kg dry	0.0239	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0239	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0239	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.0520**		mg/kg dry	0.0239	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.428**		mg/kg dry	0.0239	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:37	NF
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*49.5 %*		*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*28.5 %*	S-08, S-GC	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0283	1	EPA 8151A	08/13/2024 13:52	08/14/2024 19:08	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0283	1	EPA 8151A	08/13/2024 13:52	08/14/2024 19:08	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0283	1	EPA 8151A	08/13/2024 13:52	08/14/2024 19:08	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*137 %*		*21-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10400**		mg/kg dry	5.99	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	3.00	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.41**		mg/kg dry	1.80	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**153**		mg/kg dry	2.99	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.276**		mg/kg dry	0.060	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.432**		mg/kg dry	0.360	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3300**		mg/kg dry	5.99	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**23.1**		mg/kg dry	0.600	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.18**		mg/kg dry	0.479	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**35.4**		mg/kg dry	2.40	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**14300**		mg/kg dry	30.0	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**158**		mg/kg dry	0.600	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1770**		mg/kg dry	6.00	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**135**		mg/kg dry	0.600	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.2**		mg/kg dry	1.19	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**649**		mg/kg dry	6.00	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	3.00	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.604	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**452**		mg/kg dry	59.9	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	3.00	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.6**		mg/kg dry	1.19	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**192**		mg/kg dry	2.98	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.288**		mg/kg dry	0.0432	1	EPA 7473	08/14/2024 13:57	08/15/2024 13:41	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.719	1	EPA 7196A	08/13/2024 09:13	08/13/2024 18:20	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**23.1**		mg/kg	0.500	1	Calculation	08/16/2024 15:01	08/16/2024 15:22	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.719	1	EPA 9014/9010C	08/13/2024 07:13	08/13/2024 13:52	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **PE09_15** **York Sample ID:** **24H0729-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**69.5**		%	0.100	1	SM 2540G	08/14/2024 13:00	08/14/2024 15:08	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE10_15** **York Sample ID:** **24H0729-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.017**	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.056**		mg/kg dry	0.0050	0.010	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0050	0.010	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.230	0.460	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.230	0.460	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*81.4 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*78.7 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*90.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.0 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	08/13/2024 08:00	08/14/2024 14:09	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*61.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.153	0.245	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:43	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0732	0.276	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.145	0.276	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**2.90**		ug/kg dry	0.247	0.253	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:43	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.238	0.276	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.391**	PF-CCV-L	ug/kg dry	0.231	0.257	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.261	0.276	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.264	0.276	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.274	0.276	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.225	0.276	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.173	0.276	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:43	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.142	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.204	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.268	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.151	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.202	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**0.236**	J	ug/kg dry	0.214	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.264	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.822	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.04	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.151	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.192	0.492	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.267	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0857	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.133	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.217	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.822	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.840	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.430	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.340	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.240	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.233	0.268	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.171	0.265	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.876	1.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.90	6.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.07	6.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.844	2.76	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.249	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.963	2.76	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.274	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*127 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*103 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*144 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*109 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*116 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*116 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*97.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*68.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*93.7 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*133 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*94.2 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*122 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*137 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*169 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*335 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*423 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*117 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*318 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*128 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*102 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*124 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*83.1 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*79.1 %*		*25-150*

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0459	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*23.9 %*	S-08, S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.9 %*		*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0232	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0232	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0232	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0232	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0232	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0232	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0232	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0232	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:50	NF
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.5 %*		*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*16.5 %*	S-08, S-GC	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0274	1	EPA 8151A	08/13/2024 13:52	08/14/2024 19:15	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0274	1	EPA 8151A	08/13/2024 13:52	08/14/2024 19:15	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0274	1	EPA 8151A	08/13/2024 13:52	08/14/2024 19:15	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*150 %*		*21-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8090**		mg/kg dry	5.81	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.91	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.73**		mg/kg dry	1.74	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**606**		mg/kg dry	2.90	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.453**		mg/kg dry	0.059	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.930**		mg/kg dry	0.349	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**6170**		mg/kg dry	5.81	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**32.2**		mg/kg dry	0.582	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.50**		mg/kg dry	0.465	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**146**		mg/kg dry	2.33	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**31400**		mg/kg dry	29.1	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**466**		mg/kg dry	0.582	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**775**		mg/kg dry	5.82	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**219**		mg/kg dry	0.582	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.0**		mg/kg dry	1.16	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**468**		mg/kg dry	5.82	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.91	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.586	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**881**		mg/kg dry	58.1	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.91	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.7**		mg/kg dry	1.16	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**444**		mg/kg dry	2.90	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.346**		mg/kg dry	0.0419	1	EPA 7473	08/14/2024 13:57	08/15/2024 13:41	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.698	1	EPA 7196A	08/13/2024 09:13	08/13/2024 18:20	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**32.2**		mg/kg	0.500	1	Calculation	08/16/2024 15:01	08/16/2024 15:22	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.698	1	EPA 9014/9010C	08/13/2024 07:13	08/13/2024 13:52	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **PE10_15** **York Sample ID:** **24H0729-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**71.7**		%	0.100	1	SM 2540G	08/14/2024 13:00	08/14/2024 15:08	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.029	0.057	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0098**	CCVE	mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.028**		mg/kg dry	0.0029	0.0057	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0029	0.0057	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	**Methyl acetate**	**0.0025**	J	mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	QL-02	mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.217	0.434	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.217	0.434	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.142**		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.140**		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.160**		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0928**	J	mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0642**	J	mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.153**		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.271**		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0980**	J	mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.199**		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.310**		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*71.0 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*66.8 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.3 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.9 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.3 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM Certifications: NELAC-NY10854	08/13/2024 08:00	08/14/2024 14:26	SS

Surrogate Recoveries		Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*65.5 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.144	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0689	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.136	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.233	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.224	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-CCV-L	ug/kg dry	0.217	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.246	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.248	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.257	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.212	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.162	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.134	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.192	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.252	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.142	0.520	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.190	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.201	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.248	0.251	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.773	0.988	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.981	0.998	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.142	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.181	0.463	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.251	0.520	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0806	0.520	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.125	0.520	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.204	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.773	0.975	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.790	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.404	0.983	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.320	0.972	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.226	0.983	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.220	0.252	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.161	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.824	1.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.73	6.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.95	6.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.794	2.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.234	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.906	2.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.257	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*175 %*	PFSu-H	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*121 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*178 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*153 %*	PFSu-H	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*132 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*145 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*132 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*115 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*80.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*53.8 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*167 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*114 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*126 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*171 %*	PFSu-H	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*202 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*647 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*844 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*134 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*420 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*124 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*103 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*146 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*77.6 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*58.7 %*		*25-150*

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0425	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*45.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: PCB-Tot

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0215	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0215	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0215	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0215	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0215	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0215	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0215	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11100-14-4	**Aroclor 1268**	**0.0279**		mg/kg dry	0.0215	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:04	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1336-36-3	*** Total PCBs**	**0.0279**		mg/kg dry	0.0215	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:04	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*44.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0257	1	EPA 8151A	08/13/2024 08:00	08/13/2024 19:04	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0257	1	EPA 8151A	08/13/2024 08:00	08/13/2024 19:04	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
94-75-7	2,4-D	ND		mg/kg dry	0.0257	1	EPA 8151A	08/13/2024 08:00	08/13/2024 19:04	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*94.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7770**		mg/kg dry	5.44	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.72	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.10**		mg/kg dry	1.63	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**354**		mg/kg dry	2.71	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.392**		mg/kg dry	0.055	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.446**		mg/kg dry	0.326	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**5350**		mg/kg dry	5.44	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**18.0**		mg/kg dry	0.544	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.05**		mg/kg dry	0.435	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**79.7**		mg/kg dry	2.18	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15000**		mg/kg dry	27.2	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**416**		mg/kg dry	0.544	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1510**		mg/kg dry	5.44	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**155**		mg/kg dry	0.544	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.2**		mg/kg dry	1.08	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**502**		mg/kg dry	5.44	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	2.72	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.548	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**649**		mg/kg dry	54.4	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.72	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.1**		mg/kg dry	1.08	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**345**		mg/kg dry	2.71	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.147**		mg/kg dry	0.0392	1	EPA 7473	08/14/2024 13:57	08/15/2024 13:41	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.653	1	EPA 7196A	08/13/2024 09:13	08/13/2024 18:20	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**18.0**		mg/kg	0.500	1	Calculation	08/16/2024 15:01	08/16/2024 15:22	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.653	1	EPA 9014/9010C	08/13/2024 07:13	08/13/2024 13:52	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**76.6**		%	0.100	1	SM 2540G	08/14/2024 13:00	08/14/2024 15:08	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.013**		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	QL-02	mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.0569**	J	mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.219	0.439	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	**Anthracene**	**0.134**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.219	0.439	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.247**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.240**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.245**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.150**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0867**	J	mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.292**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.518**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0806**	J	mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.151**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.594**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.710**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*70.1 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*65.9 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.5 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.4 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.9 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	08/13/2024 08:00	08/14/2024 14:43	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*71.2 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.145	0.231	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 04:15	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0693	0.261	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 04:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.137	0.261	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 04:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.234	0.239	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 04:15	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.225	0.261	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 04:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-CCV-L	ug/kg dry	0.218	0.243	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 04:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.247	0.261	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 04:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.250	0.261	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 04:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.259	0.261	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 04:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.213	0.261	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 04:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.163	0.261	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 04:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.135	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.194	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.254	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.143	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.191	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.203	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.250	0.252	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.778	0.994	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.987	1.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.143	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.182	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.252	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0811	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.126	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.205	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.778	0.981	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.795	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.407	0.988	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.322	0.978	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.227	0.988	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.221	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.162	0.251	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.829	1.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.74	6.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.96	6.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.799	2.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.235	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.911	2.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.259	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*133 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*92.7 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*129 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*102 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*98.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*84.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*57.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*87.2 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*108 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*84.5 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.9 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*102 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*126 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*261 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*344 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*103 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*252 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*107 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*87.0 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*66.1 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*66.7 %*		*25-150*

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0433	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*28.8 %*	S-08, S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.7 %*		*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0219	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0219	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0219	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0219	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0219	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0219	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0219	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0219	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:17	NF
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.0 %*		*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*22.0 %*	S-08, S-GC	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0263	1	EPA 8151A	08/13/2024 08:00	08/13/2024 19:11	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0263	1	EPA 8151A	08/13/2024 08:00	08/13/2024 19:11	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0263	1	EPA 8151A	08/13/2024 08:00	08/13/2024 19:11	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*70.2 %*		*21-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7530**		mg/kg dry	5.49	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.75	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.75**		mg/kg dry	1.65	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**215**		mg/kg dry	2.74	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.439**		mg/kg dry	0.055	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.373**		mg/kg dry	0.329	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3500**		mg/kg dry	5.49	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**18.7**		mg/kg dry	0.550	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.03**		mg/kg dry	0.439	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**86.8**		mg/kg dry	2.20	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**18000**		mg/kg dry	27.5	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**185**		mg/kg dry	0.550	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1260**		mg/kg dry	5.50	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**167**		mg/kg dry	0.550	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**19.0**		mg/kg dry	1.09	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**524**		mg/kg dry	5.50	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.75	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.554	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**500**		mg/kg dry	54.9	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.75	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.0**		mg/kg dry	1.09	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**268**		mg/kg dry	2.73	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.371**		mg/kg dry	0.0395	1	EPA 7473	08/14/2024 13:57	08/15/2024 13:41	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.659	1	EPA 7196A	08/13/2024 14:37	08/13/2024 20:06	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**18.7**		mg/kg	0.500	1	Calculation	08/16/2024 15:01	08/16/2024 15:22	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**0.725**		mg/kg dry	0.659	1	EPA 9014/9010C	08/13/2024 07:13	08/13/2024 13:52	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **PE18_15** **York Sample ID:** **24H0729-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.9**		%	0.100	1	SM 2540G	08/14/2024 13:00	08/14/2024 15:08	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: TB_08122024 **York Sample ID:** 24H0729-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Water	August 12, 2024 3:05 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CAL-E	ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	40	40	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08122024 **York Sample ID:** 24H0729-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Water	August 12, 2024 3:05 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_08122024 **York Sample ID:** 24H0729-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Water	August 12, 2024 3:05 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE, QL-02	ug/L	0.50	1.0	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08122024 **York Sample ID:** 24H0729-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Water	August 12, 2024 3:05 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*87.7 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*122 %*	*79-122*

Analytical Batch Summary

Batch ID: BH40747 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-05	PE17_15	08/13/24
24H0729-06	PE18_15	08/13/24
BH40747-BLK1	Blank	08/13/24
BH40747-BS1	LCS	08/13/24

Batch ID: BH40748 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/13/24
24H0729-02	PE02_15	08/13/24
24H0729-03	PE09_15	08/13/24
24H0729-04	PE10_15	08/13/24
24H0729-05	PE17_15	08/13/24
24H0729-06	PE18_15	08/13/24
BH40748-BLK1	Blank	08/13/24
BH40748-BS1	LCS	08/13/24

Batch ID: BH40790 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/13/24
24H0729-02	PE02_15	08/13/24
24H0729-03	PE09_15	08/13/24
24H0729-04	PE10_15	08/13/24
24H0729-05	PE17_15	08/13/24
24H0729-06	PE18_15	08/13/24
BH40790-BLK1	Blank	08/13/24
BH40790-SRM1	Reference	08/13/24

Batch ID: BH40812 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/13/24
24H0729-02	PE02_15	08/13/24
24H0729-03	PE09_15	08/13/24
24H0729-04	PE10_15	08/13/24
24H0729-05	PE17_15	08/13/24
24H0729-06	PE18_15	08/13/24
BH40812-BLK1	Blank	08/13/24
BH40812-BS1	LCS	08/13/24

Batch ID: BH40813 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/13/24
24H0729-01	PE01_15	08/13/24
24H0729-02	PE02_15	08/13/24
24H0729-02	PE02_15	08/13/24
24H0729-03	PE09_15	08/13/24
24H0729-03	PE09_15	08/13/24
24H0729-04	PE10_15	08/13/24
24H0729-04	PE10_15	08/13/24
24H0729-05	PE17_15	08/13/24
24H0729-05	PE17_15	08/13/24
24H0729-06	PE18_15	08/13/24
24H0729-06	PE18_15	08/13/24
BH40813-BLK1	Blank	08/13/24
BH40813-BLK2	Blank	08/13/24
BH40813-BS1	LCS	08/13/24
BH40813-BS2	LCS	08/13/24

Batch ID: BH40814 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/13/24
24H0729-02	PE02_15	08/13/24
24H0729-03	PE09_15	08/13/24
24H0729-04	PE10_15	08/13/24
24H0729-05	PE17_15	08/13/24
BH40814-BLK1	Blank	08/13/24
BH40814-DUP1	Duplicate	08/13/24
BH40814-SRM1	Reference	08/13/24

Batch ID: BH40833 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/13/24
24H0729-02	PE02_15	08/13/24
24H0729-03	PE09_15	08/13/24
24H0729-04	PE10_15	08/13/24
BH40833-BLK1	Blank	08/13/24
BH40833-BS1	LCS	08/13/24

Batch ID: BH40839 **Preparation Method:** EPA SW846-3060 **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-06	PE18_15	08/13/24
BH40839-BLK1	Blank	08/13/24
BH40839-SRM1	Reference	08/13/24

Batch ID: BH40859 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/14/24
24H0729-02	PE02_15	08/14/24
24H0729-03	PE09_15	08/14/24
BH40859-BLK1	Blank	08/14/24
BH40859-DUP1	Duplicate	08/14/24
BH40859-MS1	Matrix Spike	08/14/24
BH40859-PS1	Post Spike	08/14/24
BH40859-SRM1	Reference	08/14/24

Batch ID: BH40872 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/14/24
24H0729-02	PE02_15	08/14/24
24H0729-03	PE09_15	08/14/24
24H0729-04	PE10_15	08/14/24
24H0729-05	PE17_15	08/14/24
24H0729-06	PE18_15	08/14/24

Batch ID: BH40920 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/14/24
24H0729-02	PE02_15	08/14/24
24H0729-03	PE09_15	08/14/24
24H0729-04	PE10_15	08/14/24
24H0729-05	PE17_15	08/14/24
24H0729-06	PE18_15	08/14/24
BH40920-BLK1	Blank	08/14/24
BH40920-SRM1	Reference	08/14/24

Batch ID: BH40942 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/13/24
24H0729-02	PE02_15	08/13/24
24H0729-03	PE09_15	08/13/24
24H0729-04	PE10_15	08/13/24
24H0729-05	PE17_15	08/13/24
24H0729-06	PE18_15	08/13/24
BH40942-BLK1	Blank	08/13/24
BH40942-BS1	LCS	08/13/24
BH40942-BSD1	LCS Dup	08/13/24

Batch ID: BH40943 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date

24H0729-07	TB_08122024	08/13/24
BH40943-BLK1	Blank	08/13/24
BH40943-BS1	LCS	08/13/24
BH40943-BSD1	LCS Dup	08/13/24

Batch ID: BH41013 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-04	PE10_15	08/15/24
24H0729-05	PE17_15	08/15/24
24H0729-06	PE18_15	08/15/24
BH41013-BLK1	Blank	08/15/24
BH41013-SRM1	Reference	08/15/24

Batch ID: BH41107 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/16/24
24H0729-02	PE02_15	08/16/24
24H0729-03	PE09_15	08/16/24
24H0729-04	PE10_15	08/16/24
24H0729-05	PE17_15	08/16/24
24H0729-06	PE18_15	08/16/24

Batch ID: BH41144 **Preparation Method:** EPA 1633 Prep **Prepared By:** SAB

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/18/24
24H0729-02	PE02_15	08/18/24
24H0729-03	PE09_15	08/18/24
24H0729-04	PE10_15	08/18/24
24H0729-05	PE17_15	08/18/24
24H0729-06	PE18_15	08/18/24
BH41144-BLK1	Blank	08/18/24
BH41144-BS1	LCS	08/18/24
BH41144-BS2	LCS	08/18/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40942 - EPA 5035A											
Blank (BH40942-BLK1) Blank									Prepared & Analyzed: 08/13/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40942 - EPA 5035A											
Blank (BH40942-BLK1) Blank								Prepared & Analyzed: 08/13/2024			
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.4*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.6*		*"*	*50.0*		*93.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*99.9*	*76-130*				
LCS (BH40942-BS1) LCS								Prepared & Analyzed: 08/13/2024			
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		98.9	75-129				
1,1,1-Trichloroethane	50		"	50.0		101	71-137				
1,1,2,2-Tetrachloroethane	47		"	50.0		93.9	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0		92.3	58-146				
1,1,2-Trichloroethane	47		"	50.0		93.6	83-123				
1,1-Dichloroethane	48		"	50.0		96.0	75-130				
1,1-Dichloroethylene	45		"	50.0		90.6	64-137				
1,2,3-Trichlorobenzene	49		"	50.0		98.0	81-140				
1,2,3-Trichloropropane	47		"	50.0		93.7	81-126				
1,2,4-Trichlorobenzene	48		"	50.0		96.1	80-141				
1,2,4-Trimethylbenzene	49		"	50.0		98.5	84-125				
1,2-Dibromo-3-chloropropane	45		"	50.0		89.7	74-142				
1,2-Dibromoethane	46		"	50.0		93.0	86-123				
1,2-Dichlorobenzene	48		"	50.0		95.7	85-122				
1,2-Dichloroethane	51		"	50.0		102	71-133				
1,2-Dichloropropane	47		"	50.0		93.3	81-122				
1,3,5-Trimethylbenzene	48		"	50.0		96.7	82-126				
1,3-Dichlorobenzene	48		"	50.0		95.1	84-124				
1,4-Dichlorobenzene	48		"	50.0		95.7	84-124				
1,4-Dioxane	850		"	1050		80.7	10-228				
2-Butanone	62		"	50.0		124	58-147				
2-Hexanone	45		"	50.0		90.9	70-139				
4-Methyl-2-pentanone	46		"	50.0		91.0	72-132				
Acetone	45		"	50.0		90.5	36-155				
Acrolein	26		"	50.0		52.2	10-238				
Acrylonitrile	66		"	50.0		131	66-141				
Benzene	53		"	50.0		105	77-127				
Bromochloromethane	52		"	50.0		105	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40942 - EPA 5035A											
LCS (BH40942-BS1) LCS							Prepared & Analyzed: 08/13/2024				
Bromodichloromethane	49		ug/L	50.0		98.7	81-124				
Bromoform	48		"	50.0		95.9	80-136				
Bromomethane	42		"	50.0		84.7	32-177				
Carbon disulfide	47		"	50.0		93.1	10-136				
Carbon tetrachloride	52		"	50.0		104	66-143				
Chlorobenzene	48		"	50.0		95.8	86-120				
Chloroethane	39		"	50.0		78.3	51-142				
Chloroform	52		"	50.0		103	76-131				
Chloromethane	28		"	50.0		56.4	49-132				
cis-1,2-Dichloroethylene	55		"	50.0		109	74-132				
cis-1,3-Dichloropropylene	46		"	50.0		92.1	81-129				
Cyclohexane	47		"	50.0		94.2	70-130				
Dibromochloromethane	49		"	50.0		98.4	10-200				
Dibromomethane	48		"	50.0		95.5	83-124				
Dichlorodifluoromethane	16		"	50.0		31.1	28-158				
Ethyl Benzene	49		"	50.0		98.8	84-125				
Hexachlorobutadiene	46		"	50.0		93.0	83-133				
Isopropylbenzene	48		"	50.0		96.5	81-127				
Methyl acetate	41		"	50.0		82.9	41-143				
Methyl tert-butyl ether (MTBE)	48		"	50.0		96.3	74-131				
Methylcyclohexane	44		"	50.0		87.4	70-130				
Methylene chloride	49		"	50.0		97.5	57-141				
n-Butylbenzene	49		"	50.0		98.8	80-130				
n-Propylbenzene	47		"	50.0		94.6	74-136				
o-Xylene	48		"	50.0		95.6	83-123				
p- & m- Xylenes	95		"	100		95.3	82-128				
p-Isopropyltoluene	49		"	50.0		98.5	85-125				
sec-Butylbenzene	47		"	50.0		94.1	83-125				
Styrene	51		"	50.0		101	86-126				
tert-Butyl alcohol (TBA)	150		"	250		59.1	70-130	Low Bias			
tert-Butylbenzene	47		"	50.0		94.2	80-127				
Tetrachloroethylene	44		"	50.0		87.1	80-129				
Toluene	48		"	50.0		96.7	85-121				
trans-1,2-Dichloroethylene	50		"	50.0		101	72-132				
trans-1,3-Dichloropropylene	46		"	50.0		91.3	78-132				
trans-1,4-dichloro-2-butene	48		"	50.0		95.1	75-135				
Trichloroethylene	48		"	50.0		95.2	84-123				
Trichlorofluoromethane	42		"	50.0		83.0	62-140				
Vinyl Chloride	31		"	50.0		61.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.3*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.2*		*"*	*50.0*		*94.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40942 - EPA 5035A											
LCS Dup (BH40942-BSD1) LCS Dup								Prepared & Analyzed: 08/13/2024			
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		98.7	75-129		0.223	30	
1,1,1-Trichloroethane	49		"	50.0		98.8	71-137		1.71	30	
1,1,2,2-Tetrachloroethane	50		"	50.0		101	79-129		7.15	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45		"	50.0		89.6	58-146		3.01	30	
1,1,2-Trichloroethane	54		"	50.0		108	83-123		14.4	30	
1,1-Dichloroethane	50		"	50.0		101	75-130		4.72	30	
1,1-Dichloroethylene	46		"	50.0		91.6	64-137		1.14	30	
1,2,3-Trichlorobenzene	51		"	50.0		102	81-140		4.51	30	
1,2,3-Trichloropropane	48		"	50.0		95.4	81-126		1.82	30	
1,2,4-Trichlorobenzene	51		"	50.0		101	80-141		5.15	30	
1,2,4-Trimethylbenzene	52		"	50.0		103	84-125		4.68	30	
1,2-Dibromo-3-chloropropane	47		"	50.0		95.0	74-142		5.72	30	
1,2-Dibromoethane	50		"	50.0		101	86-123		8.27	30	
1,2-Dichlorobenzene	49		"	50.0		98.9	85-122		3.25	30	
1,2-Dichloroethane	52		"	50.0		103	71-133		0.838	30	
1,2-Dichloropropane	49		"	50.0		98.9	81-122		5.79	30	
1,3,5-Trimethylbenzene	51		"	50.0		102	82-126		5.08	30	
1,3-Dichlorobenzene	49		"	50.0		98.1	84-124		3.10	30	
1,4-Dichlorobenzene	50		"	50.0		101	84-124		5.21	30	
1,4-Dioxane	930		"	1050		88.7	10-228		9.40	30	
2-Butanone	61		"	50.0		121	58-147		1.98	30	
2-Hexanone	46		"	50.0		92.2	70-139		1.46	30	
4-Methyl-2-pentanone	50		"	50.0		99.4	72-132		8.78	30	
Acetone	49		"	50.0		98.9	36-155		8.89	30	
Acrolein	31		"	50.0		62.9	10-238		18.6	30	
Acrylonitrile	63		"	50.0		126	66-141		4.42	30	
Benzene	54		"	50.0		108	77-127		3.20	30	
Bromochloromethane	52		"	50.0		105	74-129		0.0955	30	
Bromodichloromethane	50		"	50.0		99.1	81-124		0.404	30	
Bromoform	50		"	50.0		101	80-136		5.02	30	
Bromomethane	43		"	50.0		85.3	32-177		0.776	30	
Carbon disulfide	45		"	50.0		89.8	10-136		3.65	30	
Carbon tetrachloride	52		"	50.0		103	66-143		0.561	30	
Chlorobenzene	51		"	50.0		101	86-120		5.62	30	
Chloroethane	41		"	50.0		82.2	51-142		4.86	30	
Chloroform	53		"	50.0		107	76-131		3.37	30	
Chloromethane	27		"	50.0		54.6	49-132		3.17	30	
cis-1,2-Dichloroethylene	57		"	50.0		114	74-132		4.21	30	
cis-1,3-Dichloropropylene	49		"	50.0		97.1	81-129		5.24	30	
Cyclohexane	47		"	50.0		94.3	70-130		0.0424	30	
Dibromochloromethane	52		"	50.0		105	10-200		6.49	30	
Dibromomethane	50		"	50.0		100	83-124		4.88	30	
Dichlorodifluoromethane	13		"	50.0		26.1	28-158	Low Bias	17.5	30	
Ethyl Benzene	51		"	50.0		103	84-125		3.95	30	
Hexachlorobutadiene	49		"	50.0		97.2	83-133		4.40	30	
Isopropylbenzene	51		"	50.0		103	81-127		6.48	30	
Methyl acetate	44		"	50.0		87.1	41-143		4.92	30	
Methyl tert-butyl ether (MTBE)	50		"	50.0		100	74-131		4.25	30	
Methylcyclohexane	45		"	50.0		89.2	70-130		1.99	30	
Methylene chloride	52		"	50.0		104	57-141		6.49	30	
n-Butylbenzene	53		"	50.0		105	80-130		6.41	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40942 - EPA 5035A											
LCS Dup (BH40942-BSD1) LCS Dup									Prepared & Analyzed: 08/13/2024		
n-Propylbenzene	51		ug/L	50.0		101	74-136		6.70	30	
o-Xylene	50		"	50.0		99.7	83-123		4.20	30	
p- & m- Xylenes	100		"	100		99.8	82-128		4.65	30	
p-Isopropyltoluene	51		"	50.0		102	85-125		3.78	30	
sec-Butylbenzene	50		"	50.0		100	83-125		6.46	30	
Styrene	53		"	50.0		106	86-126		4.55	30	
tert-Butyl alcohol (TBA)	150		"	250		62.0	70-130	Low Bias	4.77	30	
tert-Butylbenzene	49		"	50.0		97.3	80-127		3.30	30	
Tetrachloroethylene	44		"	50.0		87.0	80-129		0.0919	30	
Toluene	50		"	50.0		100	85-121		3.60	30	
trans-1,2-Dichloroethylene	49		"	50.0		97.6	72-132		3.40	30	
trans-1,3-Dichloropropylene	48		"	50.0		96.2	78-132		5.27	30	
trans-1,4-dichloro-2-butene	51		"	50.0		101	75-135		6.29	30	
Trichloroethylene	50		"	50.0		99.5	84-123		4.50	30	
Trichlorofluoromethane	41		"	50.0		81.3	62-140		2.09	30	
Vinyl Chloride	31		"	50.0		61.6	52-130		0.583	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*"*	*50.0*		*97.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.3*		*"*	*50.0*		*94.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.1*	*76-130*				
Batch BH40943 - EPA 5030B											
Blank (BH40943-BLK1) Blank									Prepared & Analyzed: 08/13/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.36	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40943 - EPA 5030B											
Blank (BH40943-BLK1) Blank									Prepared & Analyzed: 08/13/2024		
Bromodichloromethane	ND	0.50	ug/L								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.35*		*"*	*10.0*		*93.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.74*		*"*	*10.0*		*97.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40943 - EPA 5030B											
LCS (BH40943-BS1) LCS							Prepared & Analyzed: 08/13/2024				
1,1,1,2-Tetrachloroethane	9.7		ug/L	10.0		97.4	82-126				
1,1,1-Trichloroethane	10		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		115	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		102	54-165				
1,1,2-Trichloroethane	8.8		"	10.0		88.3	82-123				
1,1-Dichloroethane	9.9		"	10.0		99.4	82-129				
1,1-Dichloroethylene	10		"	10.0		100	68-138				
1,2,3-Trichlorobenzene	5.9		"	10.0		59.3	40-130				
1,2,3-Trichloropropane	13		"	10.0		128	77-128				
1,2,4-Trichlorobenzene	5.9		"	10.0		59.4	65-137	Low Bias			
1,2,4-Trimethylbenzene	12		"	10.0		123	82-132				
1,2-Dibromo-3-chloropropane	11		"	10.0		114	45-147				
1,2-Dibromoethane	9.1		"	10.0		90.8	83-124				
1,2-Dichlorobenzene	10		"	10.0		103	79-123				
1,2-Dichloroethane	9.0		"	10.0		90.5	73-132				
1,2-Dichloropropane	9.8		"	10.0		98.0	78-126				
1,3,5-Trimethylbenzene	13		"	10.0		131	80-131				
1,3-Dichlorobenzene	11		"	10.0		109	86-130				
1,4-Dichlorobenzene	11		"	10.0		106	85-130				
1,4-Dioxane	150		"	210		71.3	10-349				
2-Butanone	8.3		"	10.0		83.2	49-152				
2-Hexanone	6.9		"	10.0		68.7	51-146				
4-Methyl-2-pentanone	5.8		"	10.0		57.9	57-145				
Acetone	7.0		"	10.0		70.4	14-150				
Acrolein	4.6		"	10.0		45.5	10-153				
Acrylonitrile	9.6		"	10.0		96.1	51-150				
Benzene	11		"	10.0		106	85-126				
Bromochloromethane	8.7		"	10.0		87.0	77-128				
Bromodichloromethane	9.3		"	10.0		93.0	79-128				
Bromoform	7.7		"	10.0		76.7	78-133	Low Bias			
Bromomethane	7.5		"	10.0		75.0	43-168				
Carbon disulfide	9.0		"	10.0		90.2	68-146				
Carbon tetrachloride	11		"	10.0		111	77-141				
Chlorobenzene	9.8		"	10.0		98.2	88-120				
Chloroethane	8.0		"	10.0		79.9	65-136				
Chloroform	10		"	10.0		100	82-128				
Chloromethane	5.2		"	10.0		51.7	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		100	83-129				
cis-1,3-Dichloropropylene	8.6		"	10.0		85.5	80-131				
Cyclohexane	8.6		"	10.0		86.2	63-149				
Dibromochloromethane	8.8		"	10.0		87.9	80-130				
Dibromomethane	8.4		"	10.0		84.1	72-134				
Dichlorodifluoromethane	2.8		"	10.0		27.7	44-144	Low Bias			
Ethyl Benzene	11		"	10.0		107	80-131				
Hexachlorobutadiene	5.5		"	10.0		55.3	67-146	Low Bias			
Isopropylbenzene	15		"	10.0		151	76-140	High Bias			
Methyl acetate	7.7		"	10.0		77.3	51-139				
Methyl tert-butyl ether (MTBE)	7.9		"	10.0		78.7	76-135				
Methylcyclohexane	10		"	10.0		103	72-143				
Methylene chloride	9.1		"	10.0		90.8	55-137				
n-Butylbenzene	11		"	10.0		110	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40943 - EPA 5030B											
LCS (BH40943-BS1) LCS								Prepared & Analyzed: 08/13/2024			
n-Propylbenzene	14		ug/L	10.0		143	78-133	High Bias			
o-Xylene	9.8		"	10.0		97.8	78-130				
p- & m- Xylenes	21		"	20.0		103	77-133				
p-Isopropyltoluene	13		"	10.0		128	81-136				
sec-Butylbenzene	13		"	10.0		131	79-137				
Styrene	9.7		"	10.0		96.9	67-132				
tert-Butyl alcohol (TBA)	7.0		"	50.0		14.0	25-162	Low Bias			
tert-Butylbenzene	12		"	10.0		123	77-138				
Tetrachloroethylene	10		"	10.0		105	82-131				
Toluene	10		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	10		"	10.0		99.7	80-132				
trans-1,3-Dichloropropylene	8.1		"	10.0		81.2	78-131				
trans-1,4-dichloro-2-butene	10		"	10.0		104	63-141				
Trichloroethylene	10		"	10.0		103	82-128				
Trichlorofluoromethane	8.0		"	10.0		80.1	67-139				
Vinyl Chloride	6.4		"	10.0		64.5	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.59*		*"*	*10.0*		*85.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*12.2*		*"*	*10.0*		*122*	*79-122*				
LCS Dup (BH40943-BSD1) LCS Dup								Prepared & Analyzed: 08/13/2024			
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		107	82-126		9.77	30	
1,1,1-Trichloroethane	11		"	10.0		105	78-136		0.858	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		114	76-129		0.875	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.1		"	10.0		90.7	54-165		11.2	30	
1,1,2-Trichloroethane	10		"	10.0		99.6	82-123		12.0	30	
1,1-Dichloroethane	10		"	10.0		103	82-129		3.85	30	
1,1-Dichloroethylene	9.6		"	10.0		96.4	68-138		3.97	30	
1,2,3-Trichlorobenzene	8.4		"	10.0		84.5	40-130		35.0	30	Non-dir.
1,2,3-Trichloropropane	12		"	10.0		122	77-128		5.44	30	
1,2,4-Trichlorobenzene	8.5		"	10.0		85.4	65-137		35.9	30	Non-dir.
1,2,4-Trimethylbenzene	12		"	10.0		116	82-132		5.86	30	
1,2-Dibromo-3-chloropropane	9.7		"	10.0		96.6	45-147		16.5	30	
1,2-Dibromoethane	9.8		"	10.0		98.5	83-124		8.14	30	
1,2-Dichlorobenzene	11		"	10.0		108	79-123		5.03	30	
1,2-Dichloroethane	11		"	10.0		105	73-132		15.1	30	
1,2-Dichloropropane	10		"	10.0		101	78-126		3.02	30	
1,3,5-Trimethylbenzene	12		"	10.0		117	80-131		11.8	30	
1,3-Dichlorobenzene	11		"	10.0		110	86-130		0.457	30	
1,4-Dichlorobenzene	11		"	10.0		106	85-130		0.283	30	
1,4-Dioxane	200		"	210		92.9	10-349		26.3	30	
2-Butanone	9.4		"	10.0		93.5	49-152		11.7	30	
2-Hexanone	8.9		"	10.0		88.8	51-146		25.5	30	
4-Methyl-2-pentanone	7.6		"	10.0		76.4	57-145		27.6	30	
Acetone	11		"	10.0		109	14-150		43.4	30	Non-dir.
Acrolein	5.5		"	10.0		54.6	10-153		18.2	30	
Acrylonitrile	9.1		"	10.0		90.8	51-150		5.67	30	
Benzene	11		"	10.0		112	85-126		5.43	30	
Bromochloromethane	9.9		"	10.0		99.1	77-128		13.0	30	
Bromodichloromethane	10		"	10.0		101	79-128		8.05	30	
Bromoform	9.0		"	10.0		89.7	78-133		15.6	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40943 - EPA 5030B											
LCS Dup (BH40943-BSD1) LCS Dup							Prepared & Analyzed: 08/13/2024				
Bromomethane	7.3		ug/L	10.0		73.2	43-168		2.43	30	
Carbon disulfide	8.6		"	10.0		86.0	68-146		4.77	30	
Carbon tetrachloride	11		"	10.0		107	77-141		3.03	30	
Chlorobenzene	10		"	10.0		104	88-120		5.45	30	
Chloroethane	7.8		"	10.0		78.4	65-136		1.90	30	
Chloroform	11		"	10.0		110	82-128		8.67	30	
Chloromethane	4.9		"	10.0		49.2	43-155		4.96	30	
cis-1,2-Dichloroethylene	11		"	10.0		107	83-129		6.74	30	
cis-1,3-Dichloropropylene	9.8		"	10.0		97.6	80-131		13.2	30	
Cyclohexane	7.9		"	10.0		78.9	63-149		8.84	30	
Dibromochloromethane	9.9		"	10.0		98.8	80-130		11.7	30	
Dibromomethane	9.5		"	10.0		94.6	72-134		11.8	30	
Dichlorodifluoromethane	2.3		"	10.0		22.9	44-144	Low Bias	19.0	30	
Ethyl Benzene	11		"	10.0		107	80-131		0.748	30	
Hexachlorobutadiene	8.4		"	10.0		83.8	67-146		41.0	30	Non-dir.
Isopropylbenzene	12		"	10.0		121	76-140		22.2	30	
Methyl acetate	9.6		"	10.0		95.9	51-139		21.5	30	
Methyl tert-butyl ether (MTBE)	12		"	10.0		120	76-135		41.6	30	Non-dir.
Methylcyclohexane	8.7		"	10.0		87.0	72-143		16.6	30	
Methylene chloride	9.8		"	10.0		98.5	55-137		8.14	30	
n-Butylbenzene	11		"	10.0		109	79-132		0.547	30	
n-Propylbenzene	12		"	10.0		118	78-133		18.9	30	
o-Xylene	10		"	10.0		104	78-130		5.86	30	
p- & m- Xylenes	21		"	20.0		106	77-133		2.43	30	
p-Isopropyltoluene	12		"	10.0		115	81-136		10.3	30	
sec-Butylbenzene	11		"	10.0		113	79-137		14.6	30	
Styrene	11		"	10.0		107	67-132		10.2	30	
tert-Butyl alcohol (TBA)	8.0		"	50.0		16.1	25-162	Low Bias	14.1	30	
tert-Butylbenzene	11		"	10.0		105	77-138		15.5	30	
Tetrachloroethylene	9.8		"	10.0		98.4	82-131		6.49	30	
Toluene	10		"	10.0		104	80-127		0.962	30	
trans-1,2-Dichloroethylene	10		"	10.0		102	80-132		2.67	30	
trans-1,3-Dichloropropylene	9.6		"	10.0		96.0	78-131		16.7	30	
trans-1,4-dichloro-2-butene	11		"	10.0		113	63-141		8.69	30	
Trichloroethylene	10		"	10.0		99.5	82-128		3.65	30	
Trichlorofluoromethane	7.2		"	10.0		71.9	67-139		10.8	30	
Vinyl Chloride	5.8		"	10.0		58.0	58-145		10.6	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.24*		*"*	*10.0*		*92.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.56*		*"*	*10.0*		*95.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40812 - EPA 3550C											
Blank (BH40812-BLK1) Blank									Prepared & Analyzed: 08/13/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40812 - EPA 3550C											
Blank (BH40812-BLK1) Blank									Prepared & Analyzed: 08/13/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.68*		"	*1.66*		*101*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.52*		"	*1.66*		*91.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.946*		"	*0.831*		*114*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.796*		"	*0.831*		*95.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.46*		"	*1.66*		*88.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.866*		"	*0.831*		*104*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40812 - EPA 3550C											
LCS (BH40812-BS1) LCS							Prepared & Analyzed: 08/13/2024				
1,1-Biphenyl	0.833	0.0416	mg/kg wet	0.831		100	18-111				
1,2,4,5-Tetrachlorobenzene	0.815	0.0830	"	0.831		98.2	21-131				
1,2,4-Trichlorobenzene	0.779	0.0416	"	0.831		93.8	10-140				
1,2-Dichlorobenzene	0.753	0.0416	"	0.831		90.7	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.907	0.0416	"	0.831		109	17-137				
1,3-Dichlorobenzene	0.767	0.0416	"	0.831		92.3	33-110				
1,4-Dichlorobenzene	0.745	0.0416	"	0.831		89.7	32-104				
2,3,4,6-Tetrachlorophenol	1.03	0.0830	"	0.831		123	30-130				
2,4,5-Trichlorophenol	0.845	0.0416	"	0.831		102	27-118				
2,4,6-Trichlorophenol	0.874	0.0416	"	0.831		105	31-120				
2,4-Dichlorophenol	0.866	0.0416	"	0.831		104	20-127				
2,4-Dimethylphenol	0.878	0.0416	"	0.831		106	14-132				
2,4-Dinitrophenol	1.39	0.0830	"	0.831		168	10-171				
2,4-Dinitrotoluene	1.02	0.0416	"	0.831		123	34-131				
2,6-Dinitrotoluene	1.02	0.0416	"	0.831		122	31-128				
2-Chloronaphthalene	0.811	0.0416	"	0.831		97.6	31-117				
2-Chlorophenol	0.837	0.0416	"	0.831		101	33-113				
2-Methylnaphthalene	0.812	0.0416	"	0.831		97.8	12-138				
2-Methylphenol	0.793	0.0416	"	0.831		95.4	10-136				
2-Nitroaniline	0.999	0.0830	"	0.831		120	27-132				
2-Nitrophenol	0.980	0.0416	"	0.831		118	17-129				
3- & 4-Methylphenols	0.692	0.0416	"	0.831		83.3	29-103				
3,3-Dichlorobenzidine	0.817	0.0416	"	0.831		98.4	22-149				
3-Nitroaniline	0.833	0.0830	"	0.831		100	20-133				
4,6-Dinitro-2-methylphenol	1.15	0.0830	"	0.831		138	10-143				
4-Bromophenyl phenyl ether	0.755	0.0416	"	0.831		90.9	29-120				
4-Chloro-3-methylphenol	0.875	0.0416	"	0.831		105	24-129				
4-Chloroaniline	0.618	0.0416	"	0.831		74.4	10-132				
4-Chlorophenyl phenyl ether	0.745	0.0416	"	0.831		89.7	27-124				
4-Nitroaniline	0.881	0.0830	"	0.831		106	16-128				
4-Nitrophenol	0.935	0.0830	"	0.831		113	10-141				
Acenaphthene	0.793	0.0416	"	0.831		95.4	30-121				
Acenaphthylene	0.790	0.0416	"	0.831		95.1	30-115				
Acetophenone	0.803	0.0416	"	0.831		96.7	20-112				
Aniline	0.719	0.166	"	0.831		86.6	10-119				
Anthracene	0.828	0.0416	"	0.831		99.6	34-118				
Atrazine	0.894	0.0416	"	0.831		108	26-112				
Benzaldehyde	0.767	0.0416	"	0.831		92.4	21-100				
Benzo(a)anthracene	0.856	0.0416	"	0.831		103	32-122				
Benzo(a)pyrene	0.855	0.0416	"	0.831		103	29-133				
Benzo(b)fluoranthene	0.858	0.0416	"	0.831		103	25-133				
Benzo(g,h,i)perylene	0.893	0.0416	"	0.831		107	10-143				
Benzo(k)fluoranthene	0.839	0.0416	"	0.831		101	25-128				
Benzoic acid	0.977	0.0416	"	0.831		118	10-140				
Benzyl alcohol	0.762	0.0416	"	0.831		91.7	30-115				
Benzyl butyl phthalate	0.960	0.0416	"	0.831		116	26-126				
Bis(2-chloroethoxy)methane	0.810	0.0416	"	0.831		97.6	19-132				
Bis(2-chloroethyl)ether	0.775	0.0416	"	0.831		93.4	19-125				
Bis(2-chloroisopropyl)ether	0.758	0.0416	"	0.831		91.3	20-135				
Bis(2-ethylhexyl)phthalate	0.966	0.0416	"	0.831		116	10-155				
Caprolactam	0.859	0.0830	"	0.831		103	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40812 - EPA 3550C											
LCS (BH40812-BS1) LCS							Prepared & Analyzed: 08/13/2024				
Carbazole	0.826	0.0416	mg/kg wet	0.831		99.5	35-123				
Chrysene	0.844	0.0416	"	0.831		102	32-123				
Dibenzo(a,h)anthracene	0.925	0.0416	"	0.831		111	10-136				
Dibenzofuran	0.788	0.0416	"	0.831		94.8	29-121				
Diethyl phthalate	0.801	0.0416	"	0.831		96.4	34-116				
Dimethyl phthalate	0.794	0.0416	"	0.831		95.6	35-124				
Di-n-butyl phthalate	0.873	0.0416	"	0.831		105	31-116				
Di-n-octyl phthalate	1.01	0.0416	"	0.831		121	26-136				
Diphenylamine	0.887	0.0830	"	0.831		107	40-140				
Fluoranthene	0.797	0.0416	"	0.831		95.9	33-122				
Fluorene	0.774	0.0416	"	0.831		93.2	29-123				
Hexachlorobenzene	0.904	0.0416	"	0.831		109	21-124				
Hexachlorobutadiene	0.768	0.0416	"	0.831		92.4	10-149				
Hexachlorocyclopentadiene	0.600	0.0416	"	0.831		72.2	10-129				
Hexachloroethane	0.774	0.0416	"	0.831		93.2	28-108				
Indeno(1,2,3-cd)pyrene	0.997	0.0416	"	0.831		120	10-135				
Isophorone	0.848	0.0416	"	0.831		102	20-132				
Naphthalene	0.828	0.0416	"	0.831		99.7	23-124				
Nitrobenzene	0.977	0.0416	"	0.831		118	13-132				
N-Nitrosodimethylamine	0.805	0.0416	"	0.831		96.9	11-129				
N-nitroso-di-n-propylamine	0.747	0.0416	"	0.831		89.9	24-119				
N-Nitrosodiphenylamine	0.862	0.0416	"	0.831		104	22-152				
Pentachlorophenol	0.866	0.0416	"	0.831		104	10-139				
Phenanthrene	0.808	0.0416	"	0.831		97.2	33-123				
Phenol	0.884	0.0416	"	0.831		106	23-115				
Pyrene	0.883	0.0416	"	0.831		106	32-130				
Surrogate: SURR: 2-Fluorophenol	*1.77*		*"*	*1.66*		*106*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.63*		*"*	*1.66*		*98.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*1.05*		*"*	*0.831*		*126*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.853*		*"*	*0.831*		*103*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.64*		*"*	*1.66*		*99.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.941*		*"*	*0.831*		*113*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40748 - EPA 3550C											
Blank (BH40748-BLK1) Blank									Prepared: 08/13/2024 Analyzed: 08/14/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*304*		*"*	*495*		*61.5*	*39-127.5*				
LCS (BH40748-BS1) LCS									Prepared: 08/13/2024 Analyzed: 08/14/2024		
1,4-Dioxane	495	19.8	ug/kg	495		100	40-130				
Surrogate: 1,4-Dioxane-d8	*282*		*"*	*495*		*57.0*	*39-127.5*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41144 - EPA 1633 Prep											
Blank (BH41144-BLK1) Blank									Prepared: 08/18/2024 Analyzed: 08/20/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.181	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.184	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.396	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.752	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.760	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.792	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.352	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.396	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.396	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.396	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.186	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.743	"								
HFPO-DA (Gen-X)	ND	0.792	"								
11CL-PF3OUdS	0.491	0.749	"								
9CL-PF3ONS	ND	0.741	"								
ADONA	ND	0.749	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.990	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.95	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.95	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*3.49*		"	*2.31*		*151*	*25-150*				
Surrogate: M5PFHxA	*2.79*		"	*2.48*		*113*	*25-150*				
Surrogate: M4PFHpA	*3.14*		"	*2.48*		*127*	*25-150*				
Surrogate: M3PFHxS	*3.18*		"	*2.35*		*135*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.81*		"	*2.48*		*114*	*25-150*				
Surrogate: M6PFDA	*1.29*		"	*1.24*		*104*	*25-150*				
Surrogate: M7PFUdA	*1.35*		"	*1.24*		*109*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.12*		"	*1.24*		*90.1*	*25-150*				
Surrogate: M2PFTeDA	*0.860*		"	*1.24*		*69.5*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41144 - EPA 1633 Prep											
Blank (BH41144-BLK1) Blank								Prepared: 08/18/2024 Analyzed: 08/20/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.0*		*ug/kg wet*	*9.90*		*111*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.50*		*"*	*2.37*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.17*		*"*	*4.95*		*104*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.07*		*"*	*2.48*		*124*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.37*		*"*	*4.95*		*88.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.68*		*"*	*4.95*		*94.6*	*25-150*				
Surrogate: M2-6:2 FTS	*7.92*		*"*	*4.71*		*168*	*25-200*				
Surrogate: M2-8:2 FTS	*5.82*		*"*	*4.75*		*122*	*25-200*				
Surrogate: M9PFNA	*1.34*		*"*	*1.24*		*108*	*25-150*				
Surrogate: M2-4:2 FTS	*8.44*		*"*	*4.64*		*182*	*25-150*				
Surrogate: d-N-MeFOSA	*3.59*		*"*	*2.48*		*145*	*25-150*				
Surrogate: d-N-EtFOSA	*2.56*		*"*	*2.48*		*104*	*25-150*				
Surrogate: M3HFPO-DA	*15.5*		*"*	*9.90*		*156*	*25-150*				
Surrogate: d9-N-EtFOSE	*19.6*		*"*	*24.8*		*79.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.0*		*"*	*24.8*		*80.9*	*25-150*				
LCS (BH41144-BS1) LCS								Prepared: 08/18/2024 Analyzed: 08/20/2024			
Perfluorobutanesulfonic acid (PFBS)	3.63	0.176	ug/kg wet	3.52		103	50-150				
Perfluorohexanoic acid (PFHxA)	3.99	0.199	"	3.98		100	50-150				
Perfluoroheptanoic acid (PFHpA)	3.74	0.199	"	3.98		94.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.95	0.182	"	3.64		108	50-150				
Perfluorooctanoic acid (PFOA)	4.07	0.199	"	3.98		102	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.80	0.185	"	3.70		103	50-150				
Perfluorononanoic acid (PFNA)	4.13	0.199	"	3.98		104	50-150				
Perfluorodecanoic acid (PFDA)	4.38	0.199	"	3.98		110	50-150				
Perfluoroundecanoic acid (PFUnA)	4.55	0.199	"	3.98		115	50-150				
Perfluorododecanoic acid (PFDoA)	3.65	0.199	"	3.98		91.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.62	0.199	"	3.98		116	50-150				
Perfluorotetradecanoic acid (PFTA)	4.19	0.199	"	3.98		105	50-150				
N-MeFOSAA	4.20	0.199	"	3.98		106	50-150				
N-EtFOSAA	3.94	0.199	"	3.98		99.1	50-150				
Perfluoropentanoic acid (PFPeA)	8.11	0.398	"	7.95		102	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.79	0.199	"	3.98		95.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.52	0.199	"	3.80		119	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.98	0.192	"	3.84		77.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.6	0.755	"	15.1		110	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.0	0.763	"	15.3		91.9	50-150				
Perfluoro-n-butanoic acid (PFBA)	16.4	0.795	"	15.9		103	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.23	0.354	"	7.08		116	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.87	0.398	"	7.95		112	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.01	0.398	"	7.95		101	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.50	0.398	"	7.95		107	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.14	0.187	"	3.74		111	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	16.8	0.746	"	14.9		113	50-150				
HFPO-DA (Gen-X)	7.11	0.795	"	7.95		89.5	50-150				
11CL-PF3OUdS	2.91	0.751	"	7.51		38.7	50-150	Low Bias			
9CL-PF3ONS	3.34	0.744	"	7.44		44.9	50-150	Low Bias			
ADONA	5.08	0.751	"	7.51		67.6	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41144 - EPA 1633 Prep											
LCS (BH41144-BS1) LCS								Prepared: 08/18/2024 Analyzed: 08/20/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.50	0.193	ug/kg wet	3.86		64.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.55	0.191	"	3.82		93.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	28.3	0.994	"	15.9		178	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	105	4.97	"	79.5		132	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	79.7	4.97	"	79.5		100	50-150				
N-MeFOSE	40.3	1.99	"	39.8		101	50-150				
N-MeFOSA	3.58	0.199	"	3.98		90.1	50-150				
N-EtFOSE	40.3	1.99	"	39.8		101	50-150				
N-EtFOSA	5.31	0.199	"	3.98		134	50-150				
Surrogate: M3PFBS	*3.98*		"	*2.32*		*172*	*25-150*				
Surrogate: M5PFHxA	*3.51*		"	*2.49*		*141*	*25-150*				
Surrogate: M4PFHpA	*3.86*		"	*2.49*		*155*	*25-150*				
Surrogate: M3PFHxS	*3.33*		"	*2.36*		*141*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.26*		"	*2.49*		*131*	*25-150*				
Surrogate: M6PFDA	*1.41*		"	*1.24*		*113*	*25-150*				
Surrogate: M7PFUdA	*1.20*		"	*1.24*		*96.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.07*		"	*1.24*		*86.5*	*25-150*				
Surrogate: M2PFTeDA	*1.04*		"	*1.24*		*83.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*13.2*		"	*9.94*		*133*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.36*		"	*2.38*		*99.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.64*		"	*4.97*		*134*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.08*		"	*2.49*		*124*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.26*		"	*4.97*		*85.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.08*		"	*4.97*		*82.1*	*25-150*				
Surrogate: M2-6:2 FTS	*9.29*		"	*4.73*		*197*	*25-200*				
Surrogate: M2-8:2 FTS	*6.53*		"	*4.77*		*137*	*25-200*				
Surrogate: M9PFNA	*1.58*		"	*1.24*		*127*	*25-150*				
Surrogate: M2-4:2 FTS	*10.8*		"	*4.66*		*232*	*25-150*				
Surrogate: d-N-MeFOSA	*3.61*		"	*2.49*		*145*	*25-150*				
Surrogate: d-N-EtFOSA	*2.76*		"	*2.49*		*111*	*25-150*				
Surrogate: M3HFPO-DA	*18.7*		"	*9.94*		*188*	*25-150*				
Surrogate: d9-N-EtFOSE	*26.2*		"	*24.9*		*105*	*25-150*				
Surrogate: d7-N-MeFOSE	*27.0*		"	*24.9*		*109*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41144 - EPA 1633 Prep											
LCS (BH41144-BS2) LCS								Prepared: 08/18/2024 Analyzed: 08/20/2024			
Perfluorobutanesulfonic acid (PFBS)	0.654	0.176	ug/kg wet	0.705		92.7	50-150				
Perfluorohexanoic acid (PFHxA)	0.695	0.199	"	0.797		87.2	50-150				
Perfluoroheptanoic acid (PFHpA)	0.610	0.199	"	0.797		76.5	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.703	0.182	"	0.729		96.4	50-150				
Perfluorooctanoic acid (PFOA)	0.712	0.199	"	0.797		89.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.605	0.185	"	0.741		81.6	50-150				
Perfluorononanoic acid (PFNA)	0.822	0.199	"	0.797		103	50-150				
Perfluorodecanoic acid (PFDA)	0.794	0.199	"	0.797		99.7	50-150				
Perfluoroundecanoic acid (PFUnA)	0.744	0.199	"	0.797		93.3	50-150				
Perfluorododecanoic acid (PFDoA)	0.654	0.199	"	0.797		82.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.839	0.199	"	0.797		105	50-150				
Perfluorotetradecanoic acid (PFTA)	0.740	0.199	"	0.797		92.9	50-150				
N-MeFOSAA	0.759	0.199	"	0.797		95.3	50-150				
N-EtFOSAA	0.764	0.199	"	0.797		95.9	50-150				
Perfluoropentanoic acid (PFPeA)	1.45	0.398	"	1.59		90.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.728	0.199	"	0.797		91.4	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.668	0.199	"	0.761		87.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.373	0.192	"	0.769		48.5	50-150	Low Bias			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.26	0.757	"	3.03		108	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.43	0.765	"	3.06		79.4	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.96	0.797	"	3.19		92.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.54	0.355	"	1.42		109	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.39	0.398	"	1.59		87.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.38	0.398	"	1.59		86.7	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.56	0.398	"	1.59		98.0	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.787	0.187	"	0.749		105	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.62	0.747	"	2.99		87.7	50-150				
HFPO-DA (Gen-X)	1.50	0.797	"	1.59		94.4	50-150				
11CL-PF3OUdS	0.899	0.753	"	1.51		59.7	50-150				
9CL-PF3ONS	0.662	0.745	"	1.49		44.4	50-150	Low Bias			
ADONA	1.38	0.753	"	1.51		91.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.353	0.193	"	0.773		45.7	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.537	0.191	"	0.765		70.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	4.43	0.996	"	3.19		139	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	19.2	4.98	"	15.9		121	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	17.1	4.98	"	15.9		107	50-150				
N-MeFOSE	7.44	1.99	"	7.97		93.4	50-150				
N-MeFOSA	0.597	0.199	"	0.797		74.9	50-150				
N-EtFOSE	7.22	1.99	"	7.97		90.6	50-150				
N-EtFOSA	0.756	0.199	"	0.797		94.9	50-150				
Surrogate: M3PFBS	*4.19*		"	*2.32*		*181*	*25-150*				
Surrogate: M5PFHxA	*3.24*		"	*2.49*		*130*	*25-150*				
Surrogate: M4PFHpA	*4.18*		"	*2.49*		*168*	*25-150*				
Surrogate: M3PFHxS	*3.79*		"	*2.36*		*160*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.20*		"	*2.49*		*129*	*25-150*				
Surrogate: M6PFDA	*1.44*		"	*1.25*		*116*	*25-150*				
Surrogate: M7PFUdA	*1.39*		"	*1.25*		*111*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.03*		"	*1.25*		*82.6*	*25-150*				
Surrogate: M2PFTeDA	*0.847*		"	*1.25*		*68.0*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41144 - EPA 1633 Prep											
LCS (BH41144-BS2) LCS									Prepared: 08/18/2024 Analyzed: 08/20/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.7*		*ug/kg wet*	*9.96*		*127*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.18*		*"*	*2.39*		*133*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.19*		*"*	*4.98*		*124*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.74*		*"*	*2.49*		*150*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.76*		*"*	*4.98*		*95.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.93*		*"*	*4.98*		*99.0*	*25-150*				
Surrogate: M2-6:2 FTS	*9.32*		*"*	*4.74*		*197*	*25-200*				
Surrogate: M2-8:2 FTS	*7.34*		*"*	*4.78*		*154*	*25-200*				
Surrogate: M9PFNA	*1.58*		*"*	*1.25*		*127*	*25-150*				
Surrogate: M2-4:2 FTS	*11.2*		*"*	*4.67*		*239*	*25-150*				
Surrogate: d-N-MeFOSA	*4.59*		*"*	*2.49*		*185*	*25-150*				
Surrogate: d-N-EtFOSA	*3.41*		*"*	*2.49*		*137*	*25-150*				
Surrogate: M3HFPO-DA	*17.5*		*"*	*9.96*		*176*	*25-150*				
Surrogate: d9-N-EtFOSE	*24.1*		*"*	*24.9*		*96.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*25.3*		*"*	*24.9*		*102*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40813 - EPA 3550C											
Blank (BH40813-BLK1) Blank								Prepared & Analyzed: 08/13/2024			
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0408*		*"*	*0.0664*		*61.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0629*		*"*	*0.0664*		*94.7*	*30-150*				
LCS (BH40813-BS1) LCS								Prepared & Analyzed: 08/13/2024			
4,4'-DDD	0.0349	0.00164	mg/kg wet	0.0332		105	40-140				
4,4'-DDE	0.0325	0.00164	"	0.0332		97.8	40-140				
4,4'-DDT	0.0332	0.00164	"	0.0332		100	40-140				
Aldrin	0.0324	0.00164	"	0.0332		97.6	40-140				
alpha-BHC	0.0361	0.00164	"	0.0332		109	40-140				
alpha-Chlordane	0.0319	0.00164	"	0.0332		95.9	40-140				
beta-BHC	0.0361	0.00164	"	0.0332		109	40-140				
delta-BHC	0.0336	0.00164	"	0.0332		101	40-140				
Dieldrin	0.0334	0.00164	"	0.0332		101	40-140				
Endosulfan I	0.0340	0.00164	"	0.0332		102	40-140				
Endosulfan II	0.0353	0.00164	"	0.0332		106	40-140				
Endosulfan sulfate	0.0296	0.00164	"	0.0332		89.2	40-140				
Endrin [2C]	0.0338	0.00164	"	0.0332		102	40-140				
Endrin aldehyde	0.0374	0.00164	"	0.0332		113	40-140				
Endrin ketone	0.0293	0.00164	"	0.0332		88.3	40-140				
gamma-BHC (Lindane)	0.0326	0.00164	"	0.0332		98.0	40-140				
gamma-Chlordane	0.0324	0.00164	"	0.0332		97.6	40-140				
Heptachlor	0.0340	0.00164	"	0.0332		102	40-140				
Heptachlor epoxide	0.0344	0.00164	"	0.0332		104	40-140				
Methoxychlor	0.0332	0.00164	"	0.0332		99.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0492*		*"*	*0.0664*		*74.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0631*		*"*	*0.0664*		*95.0*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40813 - EPA 3550C											
Blank (BH40813-BLK2) Blank								Prepared & Analyzed: 08/13/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0698*		*"*	*0.0664*		*105*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0495*		*"*	*0.0664*		*74.5*	*30-140*				
LCS (BH40813-BS2) LCS								Prepared & Analyzed: 08/13/2024			
Aroclor 1016	0.373	0.0166	mg/kg wet	0.332		112	40-130				
Aroclor 1260	0.373	0.0166	"	0.332		112	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0741*		*"*	*0.0664*		*112*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0532*		*"*	*0.0664*		*80.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40747 - EPA 3550C/8151A											
Blank (BH40747-BLK1) Blank								Prepared & Analyzed: 08/13/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.272*		*"*	*0.415*		*65.6*	*21-150*				
LCS (BH40747-BS1) LCS								Prepared & Analyzed: 08/13/2024			
2,4,5-T	0.0540	0.0199	mg/kg wet	0.0664		81.2	10-120				
2,4,5-TP (Silvex)	0.0640	0.0199	"	0.0664		96.2	10-120				
2,4-D	0.0540	0.0199	"	0.0664		81.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.425*		*"*	*0.415*		*102*	*21-150*				
Batch BH40833 - EPA 3550C/8151A											
Blank (BH40833-BLK1) Blank								Prepared: 08/13/2024 Analyzed: 08/14/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.409*		*"*	*0.415*		*98.6*	*21-150*				
LCS (BH40833-BS1) LCS								Prepared: 08/13/2024 Analyzed: 08/14/2024			
2,4,5-T	0.0689	0.0199	mg/kg wet	0.0664		104	10-120				
2,4,5-TP (Silvex)	0.0698	0.0199	"	0.0664		105	10-120				
2,4-D	0.0706	0.0199	"	0.0664		106	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.436*		*"*	*0.415*		*105*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40859 - EPA 3050B											
Blank (BH40859-BLK1) Blank									Prepared: 08/14/2024 Analyzed: 08/15/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BH40859-DUP1) Duplicate	*Source sample: 24H0729-03 (PE09_15)								Prepared: 08/14/2024 Analyzed: 08/15/2024		
Aluminum	9460	5.99	mg/kg dry		10400				9.44	35	
Antimony	ND	3.00	"		ND					35	
Arsenic	7.08	1.80	"		5.41				26.9	35	
Barium	186	2.99	"		153				19.3	35	
Beryllium	0.240	0.060	"		0.276				14.0	35	
Cadmium	0.468	0.360	"		0.432				8.00	35	
Calcium	3200	5.99	"		3300				3.10	35	
Chromium	19.3	0.600	"		23.1				17.7	35	
Cobalt	4.81	0.479	"		4.18				13.9	35	
Copper	262	2.40	"		35.4				152	35	Non-dir.
Iron	21700	30.0	"		14300				41.5	35	Non-dir.
Lead	198	0.600	"		158				22.1	35	
Magnesium	1660	6.00	"		1770				6.33	35	
Manganese	212	0.600	"		135				44.2	35	Non-dir.
Nickel	14.5	1.19	"		15.2				4.20	35	
Potassium	623	6.00	"		649				4.18	35	
Selenium	ND	3.00	"		ND					35	
Silver	ND	0.604	"		ND					35	
Sodium	704	59.9	"		452				43.5	35	Non-dir.
Thallium	ND	3.00	"		ND					35	
Vanadium	22.0	1.19	"		20.6				6.70	35	
Zinc	364	2.98	"		192				61.8	35	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40859 - EPA 3050B											
Matrix Spike (BH40859-MS1) Matrix Spike	*Source sample: 24H0729-03 (PE09_15)							Prepared: 08/14/2024 Analyzed: 08/15/2024			
Aluminum	10300	5.99	mg/kg dry	240	10400	NR	75-125	Low Bias			
Antimony	11.1	3.00	"	30.0	ND	37.1	75-125	Low Bias			
Arsenic	249	1.80	"	240	5.41	102	75-125				
Barium	395	2.99	"	240	153	101	75-125				
Beryllium	6.52	0.060	"	5.99	0.276	104	75-125				
Cadmium	6.43	0.360	"	5.99	0.432	100	75-125				
Calcium	3650	5.99	"	120	3300	288	75-125	High Bias			
Chromium	48.0	0.600	"	24.0	23.1	104	75-125				
Cobalt	69.1	0.479	"	59.9	4.18	108	75-125				
Copper	96.1	2.40	"	30.0	35.4	202	75-125	High Bias			
Iron	13500	30.0	"	120	14300	NR	75-125	Low Bias			
Lead	193	0.600	"	59.9	158	58.3	75-125	Low Bias			
Magnesium	1870	6.00	"	120	1770	80.2	75-125				
Manganese	190	0.600	"	59.9	135	90.8	75-125				
Nickel	79.3	1.19	"	59.9	15.2	107	75-125				
Potassium	739	6.00	"	120	649	74.9	75-125	Low Bias			
Selenium	233	3.00	"	240	ND	97.2	75-125				
Silver	6.21	0.604	"	5.99	ND	104	75-125				
Sodium	629	59.9	"	120	452	147	75-125	High Bias			
Thallium	240	3.00	"	240	ND	100	75-125				
Vanadium	81.6	1.19	"	59.9	20.6	102	75-125				
Zinc	235	2.98	"	59.9	192	72.6	75-125	Low Bias			
Post Spike (BH40859-PS1) Post Spike	*Source sample: 24H0729-03 (PE09_15)							Prepared: 08/14/2024 Analyzed: 08/15/2024			
Aluminum	87.4		ug/mL	2.00	86.7	34.3	75-125	Low Bias			
Antimony	0.260		"	0.250	-0.011	104	75-125				
Arsenic	2.19		"	2.00	0.045	107	75-125				
Barium	3.49		"	2.00	1.28	111	75-125				
Beryllium	0.057		"	0.0500	0.002	109	75-125				
Cadmium	0.057		"	0.0500	0.004	106	75-125				
Calcium	28.2		"	1.00	27.5	66.8	75-125	Low Bias			
Chromium	0.409		"	0.200	0.192	108	75-125				
Cobalt	0.603		"	0.500	0.035	114	75-125				
Copper	0.597		"	0.250	0.295	121	75-125				
Iron	118		"	1.00	119	NR	75-125	Low Bias			
Lead	1.82		"	0.500	1.32	99.1	75-125				
Magnesium	15.6		"	1.00	14.8	84.6	75-125				
Manganese	1.66		"	0.500	1.13	108	75-125				
Nickel	0.695		"	0.500	0.126	114	75-125				
Potassium	6.61		"	1.00	5.42	119	75-125				
Selenium	2.06		"	2.00	0.009	102	75-125				
Silver	0.053		"	0.0500	0.0008	104	75-125				
Sodium	5.44		"	1.00	3.77	167	75-125	High Bias			
Thallium	2.09		"	2.00	0.004	104	75-125				
Vanadium	0.714		"	0.500	0.172	108	75-125				
Zinc	2.12		"	0.500	1.60	104	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40859 - EPA 3050B											
Reference (BH40859-SRM1) Reference								Prepared: 08/14/2024 Analyzed: 08/15/2024			
Aluminum	7920	4.17	mg/kg wet	7680		103	46.7-129.9				
Antimony	70.7	2.08	"	257		27.5	1-100				
Arsenic	338	1.25	"	360		93.8	70.6-102.2				
Barium	344	2.08	"	332		104	75-108.1				
Beryllium	185	0.042	"	183		101	76.5-108.2				
Cadmium	223	0.250	"	238		93.8	73.5-105				
Calcium	5490	4.17	"	5490		100	77.2-110.9				
Chromium	197	0.417	"	199		99.0	73.4-107				
Cobalt	92.0	0.333	"	88.7		104	76.6-107.6				
Copper	246	1.67	"	227		108	74.9-105.7	High Bias			
Iron	7040	20.8	"	7360		95.6	51.1-125.8				
Lead	94.1	0.417	"	100		94.1	75.9-110				
Magnesium	1900	4.17	"	1900		99.8	67.4-111.1				
Manganese	568	0.417	"	591		96.1	72.6-107.1				
Nickel	352	0.830	"	342		103	75.4-107.6				
Potassium	1500	4.17	"	1500		99.9	66.1-116.7				
Selenium	177	2.08	"	170		104	78.2-115.9				
Silver	53.6	0.420	"	88.6		60.5	73.9-112	Low Bias			
Sodium	597	41.7	"	527		113	68.5-115.9				
Thallium	217	2.08	"	226		96.0	73.5-108.4				
Vanadium	113	0.830	"	118		95.7	68.1-106.8				
Zinc	179	2.08	"	183		97.7	72.7-109.3				
Batch BH41013 - EPA 3050B											
Blank (BH41013-BLK1) Blank								Prepared: 08/15/2024 Analyzed: 08/16/2024			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41013 - EPA 3050B											
Reference (BH41013-SRM1) Reference											Prepared: 08/15/2024 Analyzed: 08/16/2024
Aluminum	6660	4.17	mg/kg wet	7680		86.7	46.7-129.9				
Antimony	69.3	2.08	"	257		27.0	1-100				
Arsenic	282	1.25	"	360		78.3	70.6-102.2				
Barium	267	2.08	"	332		80.5	75-108.1				
Beryllium	157	0.042	"	183		85.6	76.5-108.2				
Cadmium	188	0.250	"	238		78.8	73.5-105				
Calcium	4600	4.17	"	5490		83.7	77.2-110.9				
Chromium	165	0.417	"	199		82.9	73.4-107				
Cobalt	77.5	0.333	"	88.7		87.4	76.6-107.6				
Copper	212	1.67	"	227		93.4	74.9-105.7				
Iron	6070	20.8	"	7360		82.5	51.1-125.8				
Lead	85.7	0.417	"	100		85.7	75.9-110				
Magnesium	1650	4.17	"	1900		86.7	67.4-111.1				
Manganese	506	0.417	"	591		85.6	72.6-107.1				
Nickel	289	0.830	"	342		84.6	75.4-107.6				
Potassium	1300	4.17	"	1500		86.7	66.1-116.7				
Selenium	147	2.08	"	170		86.4	78.2-115.9				
Silver	75.1	0.420	"	88.6		84.7	73.9-112				
Sodium	551	41.7	"	527		105	68.5-115.9				
Thallium	184	2.08	"	226		81.3	73.5-108.4				
Vanadium	96.4	0.830	"	118		81.7	68.1-106.8				
Zinc	152	2.08	"	183		83.2	72.7-109.3				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40920 - EPA 7473 soil											
Blank (BH40920-BLK1) Blank									Prepared: 08/14/2024 Analyzed: 08/15/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH40920-SRM1) Reference									Prepared: 08/14/2024 Analyzed: 08/15/2024		
Mercury	15.954		mg/kg	18.2		87.7	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40790 - Analysis Preparation Soil											
Blank (BH40790-BLK1) Blank								Prepared & Analyzed: 08/13/2024			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH40790-SRM1) Reference								Prepared & Analyzed: 08/13/2024			
Cyanide, total	62.3		ug/mL	59.7		104	38.5-161.4				
Batch BH40814 - EPA SW846-3060											
Blank (BH40814-BLK1) Blank								Prepared & Analyzed: 08/13/2024			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BH40814-DUP1) Duplicate	*Source sample: 24H0729-05 (PE17_15)							Prepared & Analyzed: 08/13/2024			
Chromium, Hexavalent	ND	0.653	mg/kg dry		ND					35	
Reference (BH40814-SRM1) Reference								Prepared & Analyzed: 08/13/2024			
Chromium, Hexavalent	194		mg/L	227		85.5	42.3-157.7				
Batch BH40839 - EPA SW846-3060											
Blank (BH40839-BLK1) Blank								Prepared & Analyzed: 08/13/2024			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BH40839-SRM1) Reference								Prepared & Analyzed: 08/13/2024			
Chromium, Hexavalent	233		mg/L	227		102	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H0729-01	PE01_15	40mL Vial with Stir Bar-Cool 4° C
24H0729-02	PE02_15	40mL Vial with Stir Bar-Cool 4° C
24H0729-03	PE09_15	40mL Vial with Stir Bar-Cool 4° C
24H0729-04	PE10_15	40mL Vial with Stir Bar-Cool 4° C
24H0729-05	PE17_15	40mL Vial with Stir Bar-Cool 4° C
24H0729-06	PE18_15	40mL Vial with Stir Bar-Cool 4° C
24H0729-07	TB_08122024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
PCB-Tot	It is noted that other PCB species were detected in the sample other than those reported and may include PCB 1262 and PCB 1268.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: Per client request, Aroclor 1268 has been turned on for -02 and -05 due to the Total PCB results for these samples.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK

YORK Project Number: 24H0729

Report To:
Company: LANGAN
Address: 300 Kimball Dr Parsippany, NJ 07054
Phone.: 973 560 4900
Contact: Lauren Kolff
E-mail: lkolff@langan.com

Invoice To:
Company:
Address: Same
Phone.:
Contact:
E-mail:

YOUR Project Name / Number: 12096 Flatlands Avenue
100 688801

PO Number:

Samples Collected From: NY X | NJ | CT | PA | Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Kyle S Godfrey
Kyle S. Godfrey

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	PCBs	Pesticides/Herbicides	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane			Grab or Comp.
PE-01-15	8/12	~~9:19~~ 9:20	Soil	3									1	X	X	X	X	X	X	X	X	X			
PE-02-15		9:30		3									1	X	X	X	X	X	X	X	X	X			
PE-09-15		9:40		3									1	X	X	X	X	X	X	X	X	X			
PE-10-15		9:50		3									1	X	X	X	X	X	X	X	X	X			
PE-17-15		11:00		3									1	X	X	X	X	X	X	X	X	X			
PE-18-15		12:10		3									1	X	X	X	X	X	X	X	X	X			
~~PE-32-15 KG~~				~~3~~									1	X	X	X	X	X	X	X	X	X KG			
~~PE-34-15 KG~~				~~3~~									1	X	X	X	X	X	X	X	X	X KG			
TB_08122024			LIQ		2									X											

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; PFAS Standard 7-10 Day

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered
Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N | Containers Intact: Y / N | COC/Labels Agree: Y / N | Preservation Confirmed: Y / N
COC Complete: Y / N | COC Received: Y / N | Appropriate Sample Volumes: Y / N | Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N | Samples Submitted within Holding Times: Y / N | Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
LANGAN	8/12 15:05	Raven Davis	8/12/24 1506	Raven Davis	8/12/24 2005
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time 8/12/24 20:05 Temperature 3.8°C (Degrees C)

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1241

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1241

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 19, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H1241-01	PE12_15	Soil	08/19/2024	08/19/2024
24H1241-02	PE19_15	Soil	08/19/2024	08/19/2024
24H1241-03	PE20_15	Soil	08/19/2024	08/19/2024
24H1241-04	PE27_15	Soil	08/19/2024	08/19/2024
24H1241-05	PE28_15	Soil	08/19/2024	08/19/2024
24H1241-06	TB_08192024	Water	08/19/2024	08/19/2024

General Notes for York Project (SDG) No.: 24H1241

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 09/09/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.026	0.051	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0026	0.0051	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0032**		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*85.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.194	0.387	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.194	0.387	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*76.1 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*72.8 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*83.1 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*84.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*129 %*	S-08		*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.5 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/20/2024 08:18	08/21/2024 18:48	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*40.8 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0617	0.233	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.233	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.208	0.213	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.200	0.233	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.194	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.220	0.233	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.222	0.233	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.231	0.233	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.190	0.233	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.146	0.233	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.120	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.172	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.226	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.466	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.170	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.181	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.222	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.693	0.885	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.879	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.127	0.932	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.162	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.225	0.466	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0722	0.466	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.112	0.466	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.183	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.693	0.873	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.708	0.932	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.362	0.880	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.286	0.871	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.203	0.880	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.197	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.144	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.738	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.44	5.82	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.75	5.82	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.712	2.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.210	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.812	2.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.231	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*152 %*	PFSu-H	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*122 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*161 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*134 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*120 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*127 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*136 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*119 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*77.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*3.23 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*103 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*101 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*131 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*114 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*128 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*170 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*172 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*118 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*186 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*158 %*	PFSu-H	*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*117 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*166 %*	PFSu-H	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*108 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*115 %*		*25-150*

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0379	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A	08/21/2024 13:58	08/21/2024 19:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A	08/21/2024 13:58	08/21/2024 19:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A	08/21/2024 13:58	08/21/2024 19:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A	08/21/2024 13:58	08/21/2024 19:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A	08/21/2024 13:58	08/21/2024 19:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	1	EPA 8082A	08/21/2024 13:58	08/21/2024 19:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	1	EPA 8082A	08/21/2024 13:58	08/21/2024 19:27	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0229	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:37	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0229	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:37	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0229	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:37	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*67.8 %*	*21-150*

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11900**		mg/kg dry	4.86	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.43	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.81**		mg/kg dry	1.46	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**11.5**		mg/kg dry	2.43	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.350**	B	mg/kg dry	0.049	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.292	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**580**		mg/kg dry	4.86	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**21.7**		mg/kg dry	0.487	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.54**		mg/kg dry	0.389	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**8.74**		mg/kg dry	1.95	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**12700**		mg/kg dry	24.3	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**7.87**		mg/kg dry	0.487	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1750**		mg/kg dry	4.87	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**52.1**		mg/kg dry	0.487	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.6**		mg/kg dry	0.969	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**512**	B	mg/kg dry	4.87	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.43	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.490	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**62.3**		mg/kg dry	48.6	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.43	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**26.8**		mg/kg dry	0.969	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**17.6**		mg/kg dry	2.42	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0350	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.583	1	EPA 7196A	08/22/2024 16:04	08/22/2024 23:36	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**21.7**		mg/kg	0.500	1	Calculation	08/26/2024 18:04	08/26/2024 18:15	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.583	1	EPA 9014/9010C	08/21/2024 14:52	08/21/2024 20:09	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.7**		%	0.100	1	SM 2540G	08/21/2024 13:15	08/21/2024 17:14	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.095	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.018**	CCVE	mg/kg dry	0.0047	0.0095	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0047	0.0095	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0095	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0095	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*88.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.222	0.444	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.222	0.444	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.0744**	J	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0753**	J	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0744**	J	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.155**		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.124**		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.162**		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*75.4 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*76.7 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.9 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*89.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*133 %*	S-08		*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*95.1 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM Certifications: NELAC-NY10854	08/20/2024 08:18	08/21/2024 19:05	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*37.9 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.146	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0697	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.138	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.235	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.226	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.219	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.248	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.251	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.260	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.214	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.164	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.135	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.195	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.255	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.143	0.526	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.192	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.204	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.251	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.782	0.999	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.992	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.143	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.183	0.468	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.254	0.526	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0815	0.526	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.126	0.526	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.206	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.782	0.986	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.799	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.409	0.994	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.323	0.983	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.229	0.994	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.222	0.255	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.163	0.252	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.833	1.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.76	6.57	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.97	6.57	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.803	2.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.237	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.916	2.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.260	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*130 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*146 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*112 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*114 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*120 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*117 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*104 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*78.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*7.39 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*114 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*97.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*120 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*139 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*309 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*398 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*116 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*285 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*118 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*102 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*129 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*93.1 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*87.3 %*		*25-150*

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0434	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0221	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0221	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0221	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0221	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0221	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0221	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0221	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0221	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:00	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.5 %*	*30-140*

Herbicides, Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0262	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:44	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0262	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:44	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0262	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:44	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*69.6 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7420**		mg/kg dry	5.57	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.79	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.11**		mg/kg dry	1.67	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**173**		mg/kg dry	2.78	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.401**	B	mg/kg dry	0.056	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.413**		mg/kg dry	0.335	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**4620**		mg/kg dry	5.58	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.0**		mg/kg dry	0.558	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.93**		mg/kg dry	0.446	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**43.7**		mg/kg dry	2.23	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**20300**		mg/kg dry	27.9	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**226**		mg/kg dry	0.558	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1470**		mg/kg dry	5.58	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**245**		mg/kg dry	0.558	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.4**		mg/kg dry	1.11	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**522**	B	mg/kg dry	5.58	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.79	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.562	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**244**		mg/kg dry	55.8	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.79	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**17.7**		mg/kg dry	1.11	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**223**		mg/kg dry	2.78	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.466**		mg/kg dry	0.0401	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.669	1	EPA 7196A	08/22/2024 16:04	08/22/2024 23:36	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.0**		mg/kg	0.500	1	Calculation	08/26/2024 18:04	08/26/2024 18:15	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.669	1	EPA 9014/9010C	08/21/2024 14:52	08/21/2024 20:09	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**74.7**		%	0.100	1	SM 2540G	08/21/2024 13:15	08/21/2024 17:14	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.034	0.068	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0059**	J	mg/kg dry	0.0034	0.0068	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0034	0.0068	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.239	0.478	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.239	0.478	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.8 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.9 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.4 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*107 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.9 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/20/2024 08:18	08/21/2024 19:23	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*42.1 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.157	0.251	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0751	0.283	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.149	0.283	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.254	0.259	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.244	0.283	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.237	0.264	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.268	0.283	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.271	0.283	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.281	0.283	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.231	0.283	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.177	0.283	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.146	0.283	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.210	0.283	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.275	0.283	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.155	0.567	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.207	0.283	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.220	0.283	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.271	0.274	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.843	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.07	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.155	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.197	0.505	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.274	0.567	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0879	0.567	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.136	0.567	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.223	0.266	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.843	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.862	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
763051-92-9	*** 11CL-PF3OUdS**	**0.728**	J	ug/kg dry	0.441	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.349	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.247	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ug/kg dry	0.240	0.275	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.176	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.899	1.42	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND	PF-CCV-L	ug/kg dry	2.97	7.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.13	7.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.866	2.83	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
31506-32-8	* N-MeFOSA	ND	PF-LCS-L	ug/kg dry	0.255	0.283	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.988	2.83	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.281	0.283	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*136 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*92.4 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*128 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*101 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*99.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*104 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*97.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*67.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*21.1 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*101 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*93.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*91.5 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*103 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*113 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*111 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*126 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*97.8 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*130 %*		*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*52.0 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*37.3 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*32.4 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*48.5 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*42.7 %*		*25-150*

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0467	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0238	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0238	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0238	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0238	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0238	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0238	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0238	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0238	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:14	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0282	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:51	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0282	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:51	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0282	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:51	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*73.8 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6340**		mg/kg dry	6.00	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	3.00	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**8.08**		mg/kg dry	1.80	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**287**		mg/kg dry	3.00	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.384**	B	mg/kg dry	0.060	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.780**		mg/kg dry	0.360	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3310**		mg/kg dry	6.00	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**21.9**		mg/kg dry	0.601	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.67**		mg/kg dry	0.480	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**42.4**		mg/kg dry	2.40	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**16800**		mg/kg dry	30.0	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**347**		mg/kg dry	0.601	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1230**		mg/kg dry	6.01	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**183**		mg/kg dry	0.601	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.0**		mg/kg dry	1.20	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**473**	B	mg/kg dry	6.01	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	3.00	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.605	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**403**		mg/kg dry	60.0	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	3.00	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**18.1**		mg/kg dry	1.20	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**332**		mg/kg dry	2.99	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.648**		mg/kg dry	0.0432	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.720	1	EPA 7196A	08/22/2024 16:04	08/22/2024 23:36	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**21.9**		mg/kg	0.500	1	Calculation	08/26/2024 18:04	08/26/2024 18:15	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.720	1	EPA 9014/9010C	08/21/2024 14:52	08/21/2024 20:09	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**69.4**		%	0.100	1	SM 2540G	08/21/2024 13:15	08/21/2024 17:14	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.031	0.063	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0028**	J	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.026**	CCVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0021**	J	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*85.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.200	0.400	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.200	0.400	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.0 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*60.7 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.9 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*103 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.9 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	08/20/2024 08:18	08/21/2024 19:40	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*45.9 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.133	0.212	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0635	0.239	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.126	0.239	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.214	0.219	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.206	0.239	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.200	0.223	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.226	0.239	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.229	0.239	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.237	0.239	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.195	0.239	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.150	0.239	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.123	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.177	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.232	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.131	0.479	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.175	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.186	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.229	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.713	0.910	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.904	0.920	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.131	0.958	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.166	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.231	0.479	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0742	0.479	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.115	0.479	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.188	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.713	0.898	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.728	0.958	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
763051-92-9	*** 11CL-PF3OUdS**	**0.595**	J, PF-CCV-L	ug/kg dry	0.372	0.905	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.295	0.896	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.208	0.905	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.202	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.148	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.759	1.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.51	5.99	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.80	5.99	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.732	2.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.216	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.835	2.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.237	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*139 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*111 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*145 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*126 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*111 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*120 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*115 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*106 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*80.4 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*103 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*108 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*106 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*115 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*111 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*125 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*190 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*249 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*106 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*177 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*142 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*103 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*137 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*95.0 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*99.4 %*		*25-150*

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0391	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0199	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0199	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0199	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0199	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:28	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0236	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:58	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0236	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:58	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0236	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:58	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*68.0 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8650**		mg/kg dry	5.02	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.51	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.57**		mg/kg dry	1.51	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**8.00**		mg/kg dry	2.51	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.271**	B	mg/kg dry	0.051	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.301	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**471**		mg/kg dry	5.02	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.7**		mg/kg dry	0.502	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.48**		mg/kg dry	0.401	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**3.97**		mg/kg dry	2.01	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**7290**		mg/kg dry	25.1	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.71**		mg/kg dry	0.502	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1590**		mg/kg dry	5.02	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**62.3**		mg/kg dry	0.502	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**10.6**		mg/kg dry	1.00	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**501**	B	mg/kg dry	5.02	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.51	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.506	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**85.2**		mg/kg dry	50.2	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.51	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.4**		mg/kg dry	1.00	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**14.8**		mg/kg dry	2.50	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0361	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.602	1	EPA 7196A	08/22/2024 16:04	08/22/2024 23:36	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.7**		mg/kg	0.500	1	Calculation	08/26/2024 18:04	08/26/2024 18:15	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.602	1	EPA 9014/9010C	08/21/2024 14:52	08/21/2024 20:09	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.0**		%	0.100	1	SM 2540G	08/21/2024 13:15	08/21/2024 17:14	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.020**		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.067**	CCVE	mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0048**	J	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*88.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.276	0.553	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.276	0.553	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.2 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*55.1 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.5 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*99.4 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.9 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	08/20/2024 08:18	08/21/2024 19:57	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*39.2 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.185	0.295	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0883	0.333	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.175	0.333	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.298	0.305	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.287	0.333	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.278	0.310	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.315	0.333	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.318	0.333	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.330	0.333	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.272	0.333	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.208	0.333	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.172	0.333	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.247	0.333	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.323	0.333	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.182	0.667	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.243	0.333	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.258	0.333	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.318	0.322	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.992	1.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.26	1.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.182	1.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.232	0.593	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.322	0.667	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.103	0.667	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.160	0.667	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.262	0.313	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.992	1.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.01	1.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.518	1.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.410	1.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.290	1.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.282	0.323	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.207	0.320	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.06	1.67	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	3.50	8.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.50	8.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	1.02	3.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.300	0.333	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.16	3.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.330	0.333	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*123 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*146 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*110 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*98.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*64.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*91.3 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*137 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*101 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*110 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*127 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*143 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*311 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*400 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*108 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*290 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*136 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*105 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*134 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*93.1 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*93.7 %*		*25-150*

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0541	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0275	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0275	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0275	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0275	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0275	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0275	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0275	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0275	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:41	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0331	1	EPA 8151A	08/22/2024 13:25	08/26/2024 14:05	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0331	1	EPA 8151A	08/22/2024 13:25	08/26/2024 14:05	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0331	1	EPA 8151A	08/22/2024 13:25	08/26/2024 14:05	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*83.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5430**		mg/kg dry	6.94	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	3.47	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**8.29**		mg/kg dry	2.08	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**705**		mg/kg dry	3.47	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.361**	B	mg/kg dry	0.070	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.37**		mg/kg dry	0.417	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3600**		mg/kg dry	6.94	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**20.1**		mg/kg dry	0.695	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.42**		mg/kg dry	0.555	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**45.0**		mg/kg dry	2.78	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**24800**		mg/kg dry	34.7	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**374**		mg/kg dry	0.695	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1030**		mg/kg dry	6.95	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**215**		mg/kg dry	0.695	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.0**		mg/kg dry	1.38	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**559**	B	mg/kg dry	6.95	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	3.47	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.700	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**860**		mg/kg dry	69.4	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	3.47	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.9**		mg/kg dry	1.38	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**621**		mg/kg dry	3.46	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.296**		mg/kg dry	0.0500	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.833	1	EPA 7196A	08/22/2024 16:04	08/22/2024 23:36	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**20.1**		mg/kg	0.500	1	Calculation	08/26/2024 18:04	08/26/2024 18:15	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.833	1	EPA 9014/9010C	08/21/2024 14:52	08/21/2024 20:09	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**60.0**		%	0.100	1	SM 2540G	08/21/2024 13:15	08/21/2024 17:14	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TB_08192024 **York Sample ID:** 24H1241-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Water	August 19, 2024 2:31 pm	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	40	40	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08192024 **York Sample ID:** 24H1241-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Water	August 19, 2024 2:31 pm	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_08192024 **York Sample ID:** 24H1241-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Water	August 19, 2024 2:31 pm	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE, QL-02	ug/L	0.50	1.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08192024 **York Sample ID:** 24H1241-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Water	August 19, 2024 2:31 pm	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*85.3 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*112 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*120 %*	*79-122*

Analytical Batch Summary

Batch ID: BH41259 **Preparation Method:** EPA 3550C **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/20/24
24H1241-02	PE19_15	08/20/24
24H1241-03	PE20_15	08/20/24
24H1241-04	PE27_15	08/20/24
24H1241-05	PE28_15	08/20/24
BH41259-BLK1	Blank	08/20/24
BH41259-BS1	LCS	08/20/24

Batch ID: BH41343 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/21/24
24H1241-02	PE19_15	08/21/24
24H1241-03	PE20_15	08/21/24
24H1241-04	PE27_15	08/21/24
24H1241-05	PE28_15	08/21/24

Batch ID: BH41399 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-02	PE19_15	08/21/24
24H1241-03	PE20_15	08/21/24
24H1241-04	PE27_15	08/21/24
24H1241-05	PE28_15	08/21/24
BH41399-BLK2	Blank	08/21/24
BH41399-BS2	LCS	08/21/24

Batch ID: BH41403 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/21/24
BH41403-BLK1	Blank	08/21/24
BH41403-BS1	LCS	08/21/24
BH41403-MS1	Matrix Spike	08/21/24
BH41403-MSD1	Matrix Spike Dup	08/21/24

Batch ID: BH41413 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/21/24
24H1241-02	PE19_15	08/21/24
24H1241-03	PE20_15	08/21/24
24H1241-04	PE27_15	08/21/24

24H1241-05	PE28_15	08/21/24
BH41413-BLK1	Blank	08/21/24
BH41413-SRM1	Reference	08/21/24

Batch ID: BH41416 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/21/24
24H1241-02	PE19_15	08/21/24
24H1241-03	PE20_15	08/21/24
24H1241-04	PE27_15	08/21/24
24H1241-05	PE28_15	08/21/24
BH41416-BLK1	Blank	08/21/24
BH41416-SRM1	Reference	08/21/24

Batch ID: BH41437 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/21/24
24H1241-02	PE19_15	08/21/24
24H1241-03	PE20_15	08/21/24
24H1241-04	PE27_15	08/21/24
24H1241-05	PE28_15	08/21/24
BH41437-BLK1	Blank	08/21/24
BH41437-BS1	LCS	08/21/24
BH41437-BS2	LCS	08/21/24

Batch ID: BH41475 **Preparation Method:** EPA 7473 soil **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/22/24
24H1241-02	PE19_15	08/22/24
24H1241-03	PE20_15	08/22/24
24H1241-04	PE27_15	08/22/24
24H1241-05	PE28_15	08/22/24
BH41475-BLK1	Blank	08/22/24
BH41475-SRM1	Reference	08/22/24

Batch ID: BH41490 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/22/24
24H1241-02	PE19_15	08/22/24
24H1241-03	PE20_15	08/22/24
24H1241-04	PE27_15	08/22/24
24H1241-05	PE28_15	08/22/24
BH41490-BLK1	Blank	08/22/24
BH41490-BS1	LCS	08/22/24
BH41490-MS1	Matrix Spike	08/22/24



BH41490-MSD1	Matrix Spike Dup	08/22/24

Batch ID: BH41492 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/22/24
24H1241-02	PE19_15	08/22/24
24H1241-03	PE20_15	08/22/24
24H1241-04	PE27_15	08/22/24
24H1241-05	PE28_15	08/22/24
BH41492-BLK1	Blank	08/22/24
BH41492-BS1	LCS	08/22/24

Batch ID: BH41496 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/22/24
24H1241-02	PE19_15	08/22/24
24H1241-03	PE20_15	08/22/24
24H1241-04	PE27_15	08/22/24
24H1241-05	PE28_15	08/22/24
BH41496-BLK1	Blank	08/22/24
BH41496-BS1	LCS	08/22/24

Batch ID: BH41521 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/22/24
24H1241-02	PE19_15	08/22/24
24H1241-03	PE20_15	08/22/24
24H1241-04	PE27_15	08/22/24
24H1241-05	PE28_15	08/22/24
BH41521-BLK1	Blank	08/22/24
BH41521-SRM1	Reference	08/22/24

Batch ID: BH41553 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-03RE1	PE20_15	08/21/24
BH41553-BLK1	Blank	08/23/24
BH41553-BS1	LCS	08/23/24
BH41553-BS2	LCS	08/23/24

Batch ID: BH41576 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-06	TB_08192024	08/23/24
BH41576-BLK1	Blank	08/23/24

BH41576-BS1	LCS	08/23/24
BH41576-BSD1	LCS Dup	08/23/24

Batch ID: BH41577 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/22/24
24H1241-02	PE19_15	08/22/24
24H1241-03	PE20_15	08/22/24
24H1241-04	PE27_15	08/22/24
24H1241-05	PE28_15	08/22/24
BH41577-BLK1	Blank	08/22/24
BH41577-BS1	LCS	08/22/24
BH41577-BSD1	LCS Dup	08/22/24

Batch ID: BH41731 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/26/24
24H1241-02	PE19_15	08/26/24
24H1241-03	PE20_15	08/26/24
24H1241-04	PE27_15	08/26/24
24H1241-05	PE28_15	08/26/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
Blank (BH41576-BLK1) Blank									Prepared & Analyzed: 08/23/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
Blank (BH41576-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
n-Butylbenzene	ND	0.50	ug/L								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.18*		*"*	*10.0*		*91.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				
LCS (BH41576-BS1) LCS								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	9.3		ug/L	10.0		92.8	82-126				
1,1,1-Trichloroethane	9.1		"	10.0		90.8	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.9		"	10.0		98.7	54-165				
1,1,2-Trichloroethane	9.2		"	10.0		92.0	82-123				
1,1-Dichloroethane	9.2		"	10.0		91.5	82-129				
1,1-Dichloroethylene	9.9		"	10.0		98.7	68-138				
1,2,3-Trichlorobenzene	8.3		"	10.0		82.9	40-130				
1,2,3-Trichloropropane	12		"	10.0		124	77-128				
1,2,4-Trichlorobenzene	8.4		"	10.0		83.7	65-137				
1,2,4-Trimethylbenzene	11		"	10.0		110	82-132				
1,2-Dibromo-3-chloropropane	9.2		"	10.0		91.6	45-147				
1,2-Dibromoethane	8.9		"	10.0		89.0	83-124				
1,2-Dichlorobenzene	9.6		"	10.0		95.7	79-123				
1,2-Dichloroethane	8.9		"	10.0		89.0	73-132				
1,2-Dichloropropane	10		"	10.0		99.6	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		114	80-131				
1,3-Dichlorobenzene	9.9		"	10.0		98.9	86-130				
1,4-Dichlorobenzene	9.7		"	10.0		96.7	85-130				
1,4-Dioxane	130		"	210		60.6	10-349				
2-Butanone	8.5		"	10.0		85.0	49-152				
2-Hexanone	9.4		"	10.0		93.5	51-146				
4-Methyl-2-pentanone	7.4		"	10.0		73.8	57-145				
Acetone	5.8		"	10.0		57.9	14-150				
Acrolein	3.0		"	10.0		29.6	10-153				
Acrylonitrile	7.7		"	10.0		77.2	51-150				
Benzene	9.6		"	10.0		95.6	85-126				
Bromochloromethane	8.8		"	10.0		88.5	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
LCS (BH41576-BS1) LCS							Prepared & Analyzed: 08/23/2024				
Bromodichloromethane	9.4		ug/L	10.0		94.0	79-128				
Bromoform	8.2		"	10.0		82.4	78-133				
Bromomethane	9.0		"	10.0		89.7	43-168				
Carbon disulfide	9.4		"	10.0		93.8	68-146				
Carbon tetrachloride	9.4		"	10.0		93.7	77-141				
Chlorobenzene	9.4		"	10.0		93.5	88-120				
Chloroethane	8.4		"	10.0		84.5	65-136				
Chloroform	9.2		"	10.0		91.7	82-128				
Chloromethane	7.3		"	10.0		72.9	43-155				
cis-1,2-Dichloroethylene	9.2		"	10.0		92.1	83-129				
cis-1,3-Dichloropropylene	8.9		"	10.0		89.2	80-131				
Cyclohexane	8.3		"	10.0		83.1	63-149				
Dibromochloromethane	8.4		"	10.0		84.5	80-130				
Dibromomethane	8.8		"	10.0		88.4	72-134				
Dichlorodifluoromethane	5.5		"	10.0		55.4	44-144				
Ethyl Benzene	10		"	10.0		102	80-131				
Hexachlorobutadiene	10		"	10.0		99.5	67-146				
Isopropylbenzene	12		"	10.0		118	76-140				
Methyl acetate	7.8		"	10.0		78.5	51-139				
Methyl tert-butyl ether (MTBE)	8.9		"	10.0		88.7	76-135				
Methylcyclohexane	10		"	10.0		104	72-143				
Methylene chloride	8.9		"	10.0		89.4	55-137				
n-Butylbenzene	11		"	10.0		113	79-132				
n-Propylbenzene	12		"	10.0		117	78-133				
o-Xylene	9.7		"	10.0		96.8	78-130				
p- & m- Xylenes	20		"	20.0		100	77-133				
p-Isopropyltoluene	12		"	10.0		116	81-136				
sec-Butylbenzene	12		"	10.0		117	79-137				
Styrene	9.6		"	10.0		96.3	67-132				
tert-Butyl alcohol (TBA)	11		"	50.0		21.2	25-162	Low Bias			
tert-Butylbenzene	11		"	10.0		105	77-138				
Tetrachloroethylene	9.5		"	10.0		94.8	82-131				
Toluene	10		"	10.0		99.5	80-127				
trans-1,2-Dichloroethylene	9.2		"	10.0		92.1	80-132				
trans-1,3-Dichloropropylene	7.4		"	10.0		74.4	78-131	Low Bias			
trans-1,4-dichloro-2-butene	11		"	10.0		107	63-141				
Trichloroethylene	9.9		"	10.0		98.9	82-128				
Trichlorofluoromethane	8.7		"	10.0		87.4	67-139				
Vinyl Chloride	8.0		"	10.0		80.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.09*		*"*	*10.0*		*90.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
LCS Dup (BH41576-BSD1) LCS Dup							Prepared & Analyzed: 08/23/2024				
1,1,1,2-Tetrachloroethane	9.8		ug/L	10.0		97.9	82-126		5.35	30	
1,1,1-Trichloroethane	9.4		"	10.0		94.5	78-136		3.99	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		110	76-129		8.36	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		99.9	54-165		1.21	30	
1,1,2-Trichloroethane	9.4		"	10.0		94.1	82-123		2.26	30	
1,1-Dichloroethane	9.4		"	10.0		94.4	82-129		3.12	30	
1,1-Dichloroethylene	10		"	10.0		102	68-138		3.58	30	
1,2,3-Trichlorobenzene	12		"	10.0		122	40-130		37.8	30	Non-dir.
1,2,3-Trichloropropane	13		"	10.0		126	77-128		2.00	30	
1,2,4-Trichlorobenzene	9.3		"	10.0		93.2	65-137		10.7	30	
1,2,4-Trimethylbenzene	12		"	10.0		116	82-132		4.96	30	
1,2-Dibromo-3-chloropropane	9.6		"	10.0		96.1	45-147		4.79	30	
1,2-Dibromoethane	9.0		"	10.0		90.3	83-124		1.45	30	
1,2-Dichlorobenzene	9.9		"	10.0		99.3	79-123		3.69	30	
1,2-Dichloroethane	9.7		"	10.0		96.9	73-132		8.50	30	
1,2-Dichloropropane	10		"	10.0		101	78-126		1.30	30	
1,3,5-Trimethylbenzene	12		"	10.0		118	80-131		3.02	30	
1,3-Dichlorobenzene	10		"	10.0		103	86-130		4.45	30	
1,4-Dichlorobenzene	9.9		"	10.0		98.6	85-130		1.95	30	
1,4-Dioxane	180		"	210		86.1	10-349		34.8	30	Non-dir.
2-Butanone	9.3		"	10.0		93.0	49-152		8.99	30	
2-Hexanone	10		"	10.0		99.9	51-146		6.62	30	
4-Methyl-2-pentanone	7.7		"	10.0		76.8	57-145		3.98	30	
Acetone	7.7		"	10.0		77.3	14-150		28.7	30	
Acrolein	3.5		"	10.0		35.3	10-153		17.6	30	
Acrylonitrile	7.5		"	10.0		74.8	51-150		3.16	30	
Benzene	10		"	10.0		100	85-126		5.00	30	
Bromochloromethane	9.4		"	10.0		94.0	77-128		6.03	30	
Bromodichloromethane	9.7		"	10.0		97.2	79-128		3.35	30	
Bromoform	8.2		"	10.0		82.5	78-133		0.121	30	
Bromomethane	9.0		"	10.0		90.0	43-168		0.334	30	
Carbon disulfide	9.6		"	10.0		95.9	68-146		2.21	30	
Carbon tetrachloride	9.8		"	10.0		97.6	77-141		4.08	30	
Chlorobenzene	9.8		"	10.0		97.9	88-120		4.60	30	
Chloroethane	8.7		"	10.0		86.6	65-136		2.45	30	
Chloroform	9.6		"	10.0		95.8	82-128		4.37	30	
Chloromethane	7.3		"	10.0		73.3	43-155		0.547	30	
cis-1,2-Dichloroethylene	9.8		"	10.0		98.2	83-129		6.41	30	
cis-1,3-Dichloropropylene	9.1		"	10.0		90.7	80-131		1.67	30	
Cyclohexane	8.5		"	10.0		84.6	63-149		1.79	30	
Dibromochloromethane	8.8		"	10.0		87.9	80-130		3.94	30	
Dibromomethane	8.9		"	10.0		88.6	72-134		0.226	30	
Dichlorodifluoromethane	5.2		"	10.0		52.1	44-144		6.14	30	
Ethyl Benzene	11		"	10.0		106	80-131		3.96	30	
Hexachlorobutadiene	9.6		"	10.0		96.3	67-146		3.27	30	
Isopropylbenzene	12		"	10.0		121	76-140		2.94	30	
Methyl acetate	8.8		"	10.0		87.6	51-139		11.0	30	
Methyl tert-butyl ether (MTBE)	9.5		"	10.0		95.1	76-135		6.96	30	
Methylcyclohexane	11		"	10.0		106	72-143		1.33	30	
Methylene chloride	9.3		"	10.0		93.2	55-137		4.16	30	
n-Butylbenzene	12		"	10.0		117	79-132		2.95	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
LCS Dup (BH41576-BSD1) LCS Dup								Prepared & Analyzed: 08/23/2024			
n-Propylbenzene	12		ug/L	10.0		120	78-133		3.20	30	
o-Xylene	10		"	10.0		100	78-130		3.55	30	
p- & m- Xylenes	21		"	20.0		105	77-133		4.54	30	
p-Isopropyltoluene	12		"	10.0		121	81-136		4.05	30	
sec-Butylbenzene	12		"	10.0		121	79-137		3.19	30	
Styrene	10		"	10.0		102	67-132		5.75	30	
tert-Butyl alcohol (TBA)	9.7		"	50.0		19.4	25-162	Low Bias	8.67	30	
tert-Butylbenzene	11		"	10.0		110	77-138		4.56	30	
Tetrachloroethylene	9.7		"	10.0		97.1	82-131		2.40	30	
Toluene	10		"	10.0		102	80-127		2.97	30	
trans-1,2-Dichloroethylene	9.8		"	10.0		98.1	80-132		6.31	30	
trans-1,3-Dichloropropylene	7.9		"	10.0		79.0	78-131		6.00	30	
trans-1,4-dichloro-2-butene	11		"	10.0		113	63-141		5.55	30	
Trichloroethylene	10		"	10.0		100	82-128		1.31	30	
Trichlorofluoromethane	8.8		"	10.0		87.9	67-139		0.570	30	
Vinyl Chloride	8.2		"	10.0		81.9	58-145		1.97	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.36*		*"*	*10.0*		*93.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*79-122*				
Batch BH41577 - EPA 5035A											
Blank (BH41577-BLK1) Blank								Prepared & Analyzed: 08/22/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
Blank (BH41577-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*42.6*		*"*	*50.0*		*85.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
LCS (BH41577-BS1) LCS							Prepared & Analyzed: 08/22/2024				
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		97.4	75-129				
1,1,1-Trichloroethane	60		"	50.0		120	71-137				
1,1,2,2-Tetrachloroethane	44		"	50.0		87.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59		"	50.0		118	58-146				
1,1,2-Trichloroethane	47		"	50.0		94.8	83-123				
1,1-Dichloroethane	60		"	50.0		121	75-130				
1,1-Dichloroethylene	56		"	50.0		113	64-137				
1,2,3-Trichlorobenzene	42		"	50.0		84.9	81-140				
1,2,3-Trichloropropane	46		"	50.0		92.2	81-126				
1,2,4-Trichlorobenzene	45		"	50.0		89.1	80-141				
1,2,4-Trimethylbenzene	46		"	50.0		92.4	84-125				
1,2-Dibromo-3-chloropropane	39		"	50.0		77.0	74-142				
1,2-Dibromoethane	47		"	50.0		93.2	86-123				
1,2-Dichlorobenzene	44		"	50.0		88.5	85-122				
1,2-Dichloroethane	59		"	50.0		118	71-133				
1,2-Dichloropropane	47		"	50.0		94.6	81-122				
1,3,5-Trimethylbenzene	45		"	50.0		90.7	82-126				
1,3-Dichlorobenzene	45		"	50.0		89.2	84-124				
1,4-Dichlorobenzene	44		"	50.0		88.9	84-124				
1,4-Dioxane	990		"	1050		94.0	10-228				
2-Butanone	54		"	50.0		109	58-147				
2-Hexanone	45		"	50.0		89.6	70-139				
4-Methyl-2-pentanone	44		"	50.0		88.5	72-132				
Acetone	45		"	50.0		90.0	36-155				
Acrolein	12		"	50.0		24.8	10-238				
Acrylonitrile	75		"	50.0		149	66-141	High Bias			
Benzene	63		"	50.0		126	77-127				
Bromochloromethane	63		"	50.0		126	74-129				
Bromodichloromethane	47		"	50.0		93.6	81-124				
Bromoform	47		"	50.0		94.9	80-136				
Bromomethane	56		"	50.0		111	32-177				
Carbon disulfide	60		"	50.0		119	10-136				
Carbon tetrachloride	61		"	50.0		122	66-143				
Chlorobenzene	49		"	50.0		99.0	86-120				
Chloroethane	59		"	50.0		117	51-142				
Chloroform	61		"	50.0		123	76-131				
Chloromethane	45		"	50.0		90.0	49-132				
cis-1,2-Dichloroethylene	60		"	50.0		119	74-132				
cis-1,3-Dichloropropylene	46		"	50.0		91.3	81-129				
Cyclohexane	60		"	50.0		120	70-130				
Dibromochloromethane	50		"	50.0		100	10-200				
Dibromomethane	47		"	50.0		93.4	83-124				
Dichlorodifluoromethane	37		"	50.0		73.7	28-158				
Ethyl Benzene	50		"	50.0		100	84-125				
Hexachlorobutadiene	43		"	50.0		85.6	83-133				
Isopropylbenzene	45		"	50.0		90.0	81-127				
Methyl acetate	55		"	50.0		110	41-143				
Methyl tert-butyl ether (MTBE)	58		"	50.0		116	74-131				
Methylcyclohexane	45		"	50.0		90.1	70-130				
Methylene chloride	60		"	50.0		119	57-141				
n-Butylbenzene	46		"	50.0		91.7	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
LCS (BH41577-BS1) LCS								Prepared & Analyzed: 08/22/2024			
n-Propylbenzene	44		ug/L	50.0		88.6	74-136				
o-Xylene	48		"	50.0		95.5	83-123				
p- & m- Xylenes	96		"	100		95.6	82-128				
p-Isopropyltoluene	46		"	50.0		92.4	85-125				
sec-Butylbenzene	45		"	50.0		89.8	83-125				
Styrene	52		"	50.0		104	86-126				
tert-Butyl alcohol (TBA)	170		"	250		70.0	70-130				
tert-Butylbenzene	44		"	50.0		87.7	80-127				
Tetrachloroethylene	46		"	50.0		92.3	80-129				
Toluene	47		"	50.0		95.0	85-121				
trans-1,2-Dichloroethylene	62		"	50.0		123	72-132				
trans-1,3-Dichloropropylene	45		"	50.0		89.2	78-132				
trans-1,4-dichloro-2-butene	44		"	50.0		88.8	75-135				
Trichloroethylene	49		"	50.0		97.6	84-123				
Trichlorofluoromethane	56		"	50.0		112	62-140				
Vinyl Chloride	51		"	50.0		102	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*42.8*		*"*	*50.0*		*85.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*96.1*	*76-130*				
LCS Dup (BH41577-BSD1) LCS Dup								Prepared & Analyzed: 08/22/2024			
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	75-129		3.11	30	
1,1,1-Trichloroethane	61		"	50.0		121	71-137		0.497	30	
1,1,2,2-Tetrachloroethane	43		"	50.0		85.8	79-129		1.60	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	63		"	50.0		126	58-146		6.36	30	
1,1,2-Trichloroethane	50		"	50.0		100	83-123		5.58	30	
1,1-Dichloroethane	61		"	50.0		122	75-130		0.693	30	
1,1-Dichloroethylene	57		"	50.0		115	64-137		1.53	30	
1,2,3-Trichlorobenzene	42		"	50.0		83.2	81-140		2.07	30	
1,2,3-Trichloropropane	43		"	50.0		85.0	81-126		8.12	30	
1,2,4-Trichlorobenzene	45		"	50.0		89.6	80-141		0.537	30	
1,2,4-Trimethylbenzene	46		"	50.0		93.0	84-125		0.561	30	
1,2-Dibromo-3-chloropropane	41		"	50.0		81.9	74-142		6.14	30	
1,2-Dibromoethane	51		"	50.0		102	86-123		9.14	30	
1,2-Dichlorobenzene	44		"	50.0		88.2	85-122		0.317	30	
1,2-Dichloroethane	62		"	50.0		124	71-133		4.54	30	
1,2-Dichloropropane	47		"	50.0		94.0	81-122		0.636	30	
1,3,5-Trimethylbenzene	46		"	50.0		91.0	82-126		0.374	30	
1,3-Dichlorobenzene	46		"	50.0		91.3	84-124		2.26	30	
1,4-Dichlorobenzene	46		"	50.0		91.3	84-124		2.66	30	
1,4-Dioxane	970		"	1050		92.8	10-228		1.22	30	
2-Butanone	57		"	50.0		114	58-147		4.72	30	
2-Hexanone	47		"	50.0		94.2	70-139		4.96	30	
4-Methyl-2-pentanone	48		"	50.0		96.6	72-132		8.73	30	
Acetone	48		"	50.0		95.1	36-155		5.47	30	
Acrolein	15		"	50.0		30.9	10-238		21.9	30	
Acrylonitrile	70		"	50.0		140	66-141		6.51	30	
Benzene	63		"	50.0		126	77-127		0.540	30	
Bromochloromethane	61		"	50.0		121	74-129		4.20	30	
Bromodichloromethane	49		"	50.0		98.7	81-124		5.39	30	
Bromoform	50		"	50.0		100	80-136		5.38	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
LCS Dup (BH41577-BSD1) LCS Dup							Prepared & Analyzed: 08/22/2024				
Bromomethane	55		ug/L	50.0		110	32-177		1.30	30	
Carbon disulfide	62		"	50.0		123	10-136		3.13	30	
Carbon tetrachloride	63		"	50.0		126	66-143		2.94	30	
Chlorobenzene	50		"	50.0		100	86-120		1.30	30	
Chloroethane	54		"	50.0		109	51-142		7.48	30	
Chloroform	62		"	50.0		124	76-131		0.682	30	
Chloromethane	45		"	50.0		90.9	49-132		0.995	30	
cis-1,2-Dichloroethylene	57		"	50.0		114	74-132		4.92	30	
cis-1,3-Dichloropropylene	48		"	50.0		96.1	81-129		5.17	30	
Cyclohexane	61		"	50.0		122	70-130		1.35	30	
Dibromochloromethane	51		"	50.0		102	10-200		1.72	30	
Dibromomethane	49		"	50.0		98.8	83-124		5.66	30	
Dichlorodifluoromethane	35		"	50.0		70.5	28-158		4.35	30	
Ethyl Benzene	52		"	50.0		103	84-125		3.02	30	
Hexachlorobutadiene	44		"	50.0		87.7	83-133		2.42	30	
Isopropylbenzene	45		"	50.0		89.9	81-127		0.0890	30	
Methyl acetate	53		"	50.0		106	41-143		3.26	30	
Methyl tert-butyl ether (MTBE)	60		"	50.0		119	74-131		2.79	30	
Methylcyclohexane	48		"	50.0		95.6	70-130		5.86	30	
Methylene chloride	61		"	50.0		122	57-141		2.54	30	
n-Butylbenzene	47		"	50.0		93.4	80-130		1.88	30	
n-Propylbenzene	46		"	50.0		91.4	74-136		3.18	30	
o-Xylene	50		"	50.0		100	83-123		4.58	30	
p- & m- Xylenes	100		"	100		99.7	82-128		4.20	30	
p-Isopropyltoluene	46		"	50.0		92.7	85-125		0.259	30	
sec-Butylbenzene	44		"	50.0		88.8	83-125		1.05	30	
Styrene	55		"	50.0		109	86-126		5.16	30	
tert-Butyl alcohol (TBA)	190		"	250		74.7	70-130		6.55	30	
tert-Butylbenzene	44		"	50.0		88.7	80-127		1.11	30	
Tetrachloroethylene	47		"	50.0		94.5	80-129		2.40	30	
Toluene	49		"	50.0		98.6	85-121		3.76	30	
trans-1,2-Dichloroethylene	60		"	50.0		120	72-132		2.91	30	
trans-1,3-Dichloropropylene	48		"	50.0		95.9	78-132		7.24	30	
trans-1,4-dichloro-2-butene	44		"	50.0		88.0	75-135		0.882	30	
Trichloroethylene	51		"	50.0		102	84-123		4.70	30	
Trichlorofluoromethane	57		"	50.0		115	62-140		2.13	30	
Vinyl Chloride	50		"	50.0		99.7	52-130		1.87	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*"*	*50.0*		*98.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*43.8*		*"*	*50.0*		*87.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.2*		*"*	*50.0*		*94.5*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41490 - EPA 3550C											
Blank (BH41490-BLK1) Blank									Prepared: 08/22/2024 Analyzed: 08/23/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41490 - EPA 3550C											
Blank (BH41490-BLK1) Blank									Prepared: 08/22/2024 Analyzed: 08/23/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.24*		"	*1.66*		*74.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.13*		"	*1.66*		*68.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.739*		"	*0.831*		*89.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.690*		"	*0.831*		*83.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.77*		"	*1.66*		*107*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.716*		"	*0.831*		*86.2*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41490 - EPA 3550C											
LCS (BH41490-BS1) LCS								Prepared: 08/22/2024 Analyzed: 08/23/2024			
1,1-Biphenyl	0.932	0.0416	mg/kg wet	0.831		112	18-111	High Bias			
1,2,4,5-Tetrachlorobenzene	0.892	0.0830	"	0.831		107	21-131				
1,2,4-Trichlorobenzene	0.923	0.0416	"	0.831		111	10-140				
1,2-Dichlorobenzene	0.774	0.0416	"	0.831		93.2	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.925	0.0416	"	0.831		111	17-137				
1,3-Dichlorobenzene	0.752	0.0416	"	0.831		90.6	33-110				
1,4-Dichlorobenzene	0.766	0.0416	"	0.831		92.3	32-104				
2,3,4,6-Tetrachlorophenol	1.12	0.0830	"	0.831		135	30-130	High Bias			
2,4,5-Trichlorophenol	1.04	0.0416	"	0.831		125	27-118	High Bias			
2,4,6-Trichlorophenol	1.05	0.0416	"	0.831		126	31-120	High Bias			
2,4-Dichlorophenol	0.981	0.0416	"	0.831		118	20-127				
2,4-Dimethylphenol	0.916	0.0416	"	0.831		110	14-132				
2,4-Dinitrophenol	1.18	0.0830	"	0.831		142	10-171				
2,4-Dinitrotoluene	1.18	0.0416	"	0.831		142	34-131	High Bias			
2,6-Dinitrotoluene	1.12	0.0416	"	0.831		135	31-128	High Bias			
2-Chloronaphthalene	0.877	0.0416	"	0.831		106	31-117				
2-Chlorophenol	0.834	0.0416	"	0.831		100	33-113				
2-Methylnaphthalene	0.927	0.0416	"	0.831		112	12-138				
2-Methylphenol	0.891	0.0416	"	0.831		107	10-136				
2-Nitroaniline	1.10	0.0830	"	0.831		133	27-132	High Bias			
2-Nitrophenol	1.15	0.0416	"	0.831		139	17-129	High Bias			
3- & 4-Methylphenols	0.782	0.0416	"	0.831		94.2	29-103				
3,3-Dichlorobenzidine	0.915	0.0416	"	0.831		110	22-149				
3-Nitroaniline	0.934	0.0830	"	0.831		112	20-133				
4,6-Dinitro-2-methylphenol	1.47	0.0830	"	0.831		178	10-143	High Bias			
4-Bromophenyl phenyl ether	1.00	0.0416	"	0.831		121	29-120	High Bias			
4-Chloro-3-methylphenol	1.10	0.0416	"	0.831		133	24-129	High Bias			
4-Chloroaniline	0.675	0.0416	"	0.831		81.3	10-132				
4-Chlorophenyl phenyl ether	0.920	0.0416	"	0.831		111	27-124				
4-Nitroaniline	0.933	0.0830	"	0.831		112	16-128				
4-Nitrophenol	1.00	0.0830	"	0.831		121	10-141				
Acenaphthene	0.830	0.0416	"	0.831		100	30-121				
Acenaphthylene	0.796	0.0416	"	0.831		95.8	30-115				
Acetophenone	0.820	0.0416	"	0.831		98.7	20-112				
Aniline	0.576	0.166	"	0.831		69.3	10-119				
Anthracene	0.924	0.0416	"	0.831		111	34-118				
Atrazine	0.982	0.0416	"	0.831		118	26-112	High Bias			
Benzaldehyde	0.565	0.0416	"	0.831		68.0	21-100				
Benzo(a)anthracene	0.923	0.0416	"	0.831		111	32-122				
Benzo(a)pyrene	0.893	0.0416	"	0.831		107	29-133				
Benzo(b)fluoranthene	0.891	0.0416	"	0.831		107	25-133				
Benzo(g,h,i)perylene	0.910	0.0416	"	0.831		110	10-143				
Benzo(k)fluoranthene	0.919	0.0416	"	0.831		111	25-128				
Benzoic acid	0.889	0.0416	"	0.831		107	10-140				
Benzyl alcohol	0.815	0.0416	"	0.831		98.1	30-115				
Benzyl butyl phthalate	0.879	0.0416	"	0.831		106	26-126				
Bis(2-chloroethoxy)methane	0.868	0.0416	"	0.831		105	19-132				
Bis(2-chloroethyl)ether	0.793	0.0416	"	0.831		95.5	19-125				
Bis(2-chloroisopropyl)ether	0.577	0.0416	"	0.831		69.5	20-135				
Bis(2-ethylhexyl)phthalate	0.914	0.0416	"	0.831		110	10-155				
Caprolactam	1.02	0.0830	"	0.831		123	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41490 - EPA 3550C											
LCS (BH41490-BS1) LCS								Prepared: 08/22/2024 Analyzed: 08/23/2024			
Carbazole	0.902	0.0416	mg/kg wet	0.831		109	35-123				
Chrysene	0.916	0.0416	"	0.831		110	32-123				
Dibenzo(a,h)anthracene	0.927	0.0416	"	0.831		112	10-136				
Dibenzofuran	0.888	0.0416	"	0.831		107	29-121				
Diethyl phthalate	0.913	0.0416	"	0.831		110	34-116				
Dimethyl phthalate	0.928	0.0416	"	0.831		112	35-124				
Di-n-butyl phthalate	0.984	0.0416	"	0.831		119	31-116	High Bias			
Di-n-octyl phthalate	0.980	0.0416	"	0.831		118	26-136				
Diphenylamine	1.08	0.0830	"	0.831		130	40-140				
Fluoranthene	0.911	0.0416	"	0.831		110	33-122				
Fluorene	0.866	0.0416	"	0.831		104	29-123				
Hexachlorobenzene	0.993	0.0416	"	0.831		120	21-124				
Hexachlorobutadiene	0.965	0.0416	"	0.831		116	10-149				
Hexachlorocyclopentadiene	0.391	0.0416	"	0.831		47.0	10-129				
Hexachloroethane	0.779	0.0416	"	0.831		93.8	28-108				
Indeno(1,2,3-cd)pyrene	1.01	0.0416	"	0.831		121	10-135				
Isophorone	0.918	0.0416	"	0.831		110	20-132				
Naphthalene	0.858	0.0416	"	0.831		103	23-124				
Nitrobenzene	0.907	0.0416	"	0.831		109	13-132				
N-Nitrosodimethylamine	0.660	0.0416	"	0.831		79.5	11-129				
N-nitroso-di-n-propylamine	0.788	0.0416	"	0.831		94.9	24-119				
N-Nitrosodiphenylamine	1.08	0.0416	"	0.831		130	22-152				
Pentachlorophenol	0.826	0.0416	"	0.831		99.5	10-139				
Phenanthrene	0.919	0.0416	"	0.831		111	33-123				
Phenol	0.913	0.0416	"	0.831		110	23-115				
Pyrene	0.868	0.0416	"	0.831		105	32-130				
Surrogate: SURR: 2-Fluorophenol	*1.48*		"	*1.66*		*89.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.43*		"	*1.66*		*86.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.907*		"	*0.831*		*109*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.872*		"	*0.831*		*105*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.20*		"	*1.66*		*133*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.879*		"	*0.831*		*106*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41490 - EPA 3550C											
Matrix Spike (BH41490-MS1) Matrix Spike	*Source sample: 24H1241-01 (PE12_15)							Prepared: 08/22/2024 Analyzed: 08/23/2024			
1,1-Biphenyl	0.836	0.0960	mg/kg dry	0.960	ND	87.1	10-130				
1,2,4,5-Tetrachlorobenzene	0.810	0.192	"	0.960	ND	84.4	10-133				
1,2,4-Trichlorobenzene	0.843	0.0960	"	0.960	ND	87.8	10-127				
1,2-Dichlorobenzene	0.730	0.0960	"	0.960	ND	76.1	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.819	0.0960	"	0.960	ND	85.4	10-144				
1,3-Dichlorobenzene	0.787	0.0960	"	0.960	ND	82.0	11-111				
1,4-Dichlorobenzene	0.735	0.0960	"	0.960	ND	76.6	10-106				
2,3,4,6-Tetrachlorophenol	1.01	0.192	"	0.960	ND	105	30-130				
2,4,5-Trichlorophenol	0.891	0.0960	"	0.960	ND	92.9	10-127				
2,4,6-Trichlorophenol	0.917	0.0960	"	0.960	ND	95.5	10-132				
2,4-Dichlorophenol	0.886	0.0960	"	0.960	ND	92.3	10-128				
2,4-Dimethylphenol	0.818	0.0960	"	0.960	ND	85.3	10-137				
2,4-Dinitrophenol	0.648	0.192	"	0.960	ND	67.5	10-171				
2,4-Dinitrotoluene	1.04	0.0960	"	0.960	ND	109	16-135				
2,6-Dinitrotoluene	1.01	0.0960	"	0.960	ND	105	18-131				
2-Chloronaphthalene	0.796	0.0960	"	0.960	ND	83.0	10-129				
2-Chlorophenol	0.818	0.0960	"	0.960	ND	85.3	15-116				
2-Methylnaphthalene	0.834	0.0960	"	0.960	ND	86.9	10-147				
2-Methylphenol	0.858	0.0960	"	0.960	ND	89.4	10-136				
2-Nitroaniline	0.967	0.192	"	0.960	ND	101	10-137				
2-Nitrophenol	1.02	0.0960	"	0.960	ND	106	10-129				
3- & 4-Methylphenols	0.699	0.0960	"	0.960	ND	72.9	10-123				
3,3-Dichlorobenzidine	0.798	0.0960	"	0.960	ND	83.2	10-155				
3-Nitroaniline	0.800	0.192	"	0.960	ND	83.4	12-133				
4,6-Dinitro-2-methylphenol	1.07	0.192	"	0.960	ND	111	10-155				
4-Bromophenyl phenyl ether	0.909	0.0960	"	0.960	ND	94.7	14-128				
4-Chloro-3-methylphenol	1.00	0.0960	"	0.960	ND	105	10-134				
4-Chloroaniline	0.622	0.0960	"	0.960	ND	64.8	10-145				
4-Chlorophenyl phenyl ether	0.783	0.0960	"	0.960	ND	81.6	14-130				
4-Nitroaniline	0.755	0.192	"	0.960	ND	78.6	10-147				
4-Nitrophenol	0.873	0.192	"	0.960	ND	91.0	10-137				
Acenaphthene	0.753	0.0960	"	0.960	ND	78.5	10-146				
Acenaphthylene	0.710	0.0960	"	0.960	ND	74.0	10-134				
Acetophenone	0.762	0.0960	"	0.960	ND	79.4	10-116				
Aniline	0.532	0.385	"	0.960	ND	55.4	10-123				
Anthracene	0.815	0.0960	"	0.960	ND	84.9	10-142				
Atrazine	0.876	0.0960	"	0.960	ND	91.3	19-115				
Benzaldehyde	0.579	0.0960	"	0.960	ND	60.3	10-125				
Benzo(a)anthracene	0.794	0.0960	"	0.960	ND	82.7	10-158				
Benzo(a)pyrene	0.803	0.0960	"	0.960	ND	83.7	10-180				
Benzo(b)fluoranthene	0.805	0.0960	"	0.960	ND	83.9	10-200				
Benzo(g,h,i)perylene	0.801	0.0960	"	0.960	ND	83.4	10-138				
Benzo(k)fluoranthene	0.834	0.0960	"	0.960	ND	87.0	10-197				
Benzoic acid	0.425	0.0960	"	0.960	ND	44.3	10-166				
Benzyl alcohol	0.755	0.0960	"	0.960	ND	78.7	12-124				
Benzyl butyl phthalate	0.735	0.0960	"	0.960	ND	76.6	10-154				
Bis(2-chloroethoxy)methane	0.795	0.0960	"	0.960	ND	82.9	10-132				
Bis(2-chloroethyl)ether	0.768	0.0960	"	0.960	ND	80.1	10-119				
Bis(2-chloroisopropyl)ether	0.558	0.0960	"	0.960	ND	58.2	10-139				
Bis(2-ethylhexyl)phthalate	0.806	0.0960	"	0.960	ND	84.0	10-167				
Caprolactam	0.861	0.192	"	0.960	ND	89.8	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41490 - EPA 3550C											
Matrix Spike (BH41490-MS1) Matrix Spike	*Source sample: 24H1241-01 (PE12_15)							Prepared: 08/22/2024 Analyzed: 08/23/2024			
Carbazole	0.818	0.0960	mg/kg dry	0.960	ND	85.2	10-167				
Chrysene	0.803	0.0960	"	0.960	ND	83.7	10-156				
Dibenzo(a,h)anthracene	0.811	0.0960	"	0.960	ND	84.6	10-137				
Dibenzofuran	0.799	0.0960	"	0.960	ND	83.3	10-147				
Diethyl phthalate	0.839	0.0960	"	0.960	ND	87.4	20-120				
Dimethyl phthalate	0.825	0.0960	"	0.960	ND	86.0	18-131				
Di-n-butyl phthalate	0.877	0.0960	"	0.960	ND	91.4	10-137				
Di-n-octyl phthalate	0.868	0.0960	"	0.960	ND	90.5	10-180				
Diphenylamine	0.965	0.192	"	0.960	ND	101	40-140				
Fluoranthene	0.856	0.0960	"	0.960	ND	89.2	10-160				
Fluorene	0.787	0.0960	"	0.960	ND	82.0	10-157				
Hexachlorobenzene	0.872	0.0960	"	0.960	ND	90.9	10-137				
Hexachlorobutadiene	0.927	0.0960	"	0.960	ND	96.6	10-132				
Hexachlorocyclopentadiene	0.227	0.0960	"	0.960	ND	23.7	10-106				
Hexachloroethane	0.748	0.0960	"	0.960	ND	78.0	10-110				
Indeno(1,2,3-cd)pyrene	0.920	0.0960	"	0.960	ND	95.8	10-144				
Isophorone	0.854	0.0960	"	0.960	ND	89.0	10-132				
Naphthalene	0.796	0.0960	"	0.960	ND	83.0	10-141				
Nitrobenzene	0.820	0.0960	"	0.960	ND	85.4	10-131				
N-Nitrosodimethylamine	0.646	0.0960	"	0.960	ND	67.3	10-126				
N-nitroso-di-n-propylamine	0.717	0.0960	"	0.960	ND	74.7	10-125				
N-Nitrosodiphenylamine	0.941	0.0960	"	0.960	ND	98.1	10-177				
Pentachlorophenol	0.542	0.0960	"	0.960	ND	56.5	10-153				
Phenanthrene	0.841	0.0960	"	0.960	ND	87.6	10-148				
Phenol	0.841	0.0960	"	0.960	ND	87.6	10-126				
Pyrene	0.729	0.0960	"	0.960	ND	76.0	10-165				
Surrogate: SURR: 2-Fluorophenol	*1.46*		"	*1.92*		*76.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.45*		"	*1.92*		*75.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.894*		"	*0.960*		*93.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.844*		"	*0.960*		*88.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.12*		"	*1.92*		*110*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.809*		"	*0.960*		*84.3*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41490 - EPA 3550C											
Matrix Spike Dup (BH41490-! Matrix Spike Dup *Source sample: 24H1241-01 (PE12_15)									Prepared: 08/22/2024 Analyzed: 08/23/2024		
1,1-Biphenyl	0.740	0.0960	mg/kg dry	0.960	ND	77.1	10-130		12.2	30	
1,2,4,5-Tetrachlorobenzene	0.694	0.192	"	0.960	ND	72.3	10-133		15.4	30	
1,2,4-Trichlorobenzene	0.722	0.0960	"	0.960	ND	75.2	10-127		15.5	30	
1,2-Dichlorobenzene	0.643	0.0960	"	0.960	ND	67.0	14-111		12.8	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.780	0.0960	"	0.960	ND	81.3	10-144		4.90	30	
1,3-Dichlorobenzene	0.639	0.0960	"	0.960	ND	66.6	11-111		20.7	30	
1,4-Dichlorobenzene	0.668	0.0960	"	0.960	ND	69.6	10-106		9.52	30	
2,3,4,6-Tetrachlorophenol	0.920	0.192	"	0.960	ND	95.9	30-130		9.46	30	
2,4,5-Trichlorophenol	0.823	0.0960	"	0.960	ND	85.8	10-127		7.97	30	
2,4,6-Trichlorophenol	0.891	0.0960	"	0.960	ND	92.8	10-132		2.89	30	
2,4-Dichlorophenol	0.795	0.0960	"	0.960	ND	82.9	10-128		10.8	30	
2,4-Dimethylphenol	0.702	0.0960	"	0.960	ND	73.1	10-137		15.4	30	
2,4-Dinitrophenol	0.664	0.192	"	0.960	ND	69.2	10-171		2.46	30	
2,4-Dinitrotoluene	1.00	0.0960	"	0.960	ND	105	16-135		3.67	30	
2,6-Dinitrotoluene	0.964	0.0960	"	0.960	ND	100	18-131		4.82	30	
2-Chloronaphthalene	0.745	0.0960	"	0.960	ND	77.6	10-129		6.68	30	
2-Chlorophenol	0.682	0.0960	"	0.960	ND	71.0	15-116		18.2	30	
2-Methylnaphthalene	0.793	0.0960	"	0.960	ND	82.6	10-147		5.00	30	
2-Methylphenol	0.745	0.0960	"	0.960	ND	77.6	10-136		14.2	30	
2-Nitroaniline	0.893	0.192	"	0.960	ND	93.0	10-137		8.01	30	
2-Nitrophenol	0.902	0.0960	"	0.960	ND	94.0	10-129		12.2	30	
3- & 4-Methylphenols	0.634	0.0960	"	0.960	ND	66.1	10-123		9.79	30	
3,3-Dichlorobenzidine	0.712	0.0960	"	0.960	ND	74.2	10-155		11.4	30	
3-Nitroaniline	0.749	0.192	"	0.960	ND	78.1	12-133		6.54	30	
4,6-Dinitro-2-methylphenol	1.01	0.192	"	0.960	ND	105	10-155		5.69	30	
4-Bromophenyl phenyl ether	0.824	0.0960	"	0.960	ND	85.9	14-128		9.74	30	
4-Chloro-3-methylphenol	0.955	0.0960	"	0.960	ND	99.5	10-134		5.09	30	
4-Chloroaniline	0.616	0.0960	"	0.960	ND	64.2	10-145		0.993	30	
4-Chlorophenyl phenyl ether	0.765	0.0960	"	0.960	ND	79.7	14-130		2.38	30	
4-Nitroaniline	0.811	0.192	"	0.960	ND	84.6	10-147		7.25	30	
4-Nitrophenol	0.754	0.192	"	0.960	ND	78.6	10-137		14.6	30	
Acenaphthene	0.702	0.0960	"	0.960	ND	73.2	10-146		6.96	30	
Acenaphthylene	0.657	0.0960	"	0.960	ND	68.5	10-134		7.75	30	
Acetophenone	0.702	0.0960	"	0.960	ND	73.1	10-116		8.18	30	
Aniline	0.486	0.385	"	0.960	ND	50.6	10-123		9.05	30	
Anthracene	0.771	0.0960	"	0.960	ND	80.3	10-142		5.52	30	
Atrazine	0.831	0.0960	"	0.960	ND	86.6	19-115		5.22	30	
Benzaldehyde	0.477	0.0960	"	0.960	ND	49.7	10-125		19.3	30	
Benzo(a)anthracene	0.735	0.0960	"	0.960	ND	76.6	10-158		7.73	30	
Benzo(a)pyrene	0.723	0.0960	"	0.960	ND	75.4	10-180		10.5	30	
Benzo(b)fluoranthene	0.738	0.0960	"	0.960	ND	76.9	10-200		8.76	30	
Benzo(g,h,i)perylene	0.739	0.0960	"	0.960	ND	77.0	10-138		7.98	30	
Benzo(k)fluoranthene	0.761	0.0960	"	0.960	ND	79.3	10-197		9.24	30	
Benzoic acid	0.408	0.0960	"	0.960	ND	42.5	10-166		4.24	30	
Benzyl alcohol	0.663	0.0960	"	0.960	ND	69.1	12-124		13.0	30	
Benzyl butyl phthalate	0.732	0.0960	"	0.960	ND	76.2	10-154		0.523	30	
Bis(2-chloroethoxy)methane	0.709	0.0960	"	0.960	ND	73.8	10-132		11.5	30	
Bis(2-chloroethyl)ether	0.667	0.0960	"	0.960	ND	69.5	10-119		14.1	30	
Bis(2-chloroisopropyl)ether	0.488	0.0960	"	0.960	ND	50.9	10-139		13.4	30	
Bis(2-ethylhexyl)phthalate	0.711	0.0960	"	0.960	ND	74.1	10-167		12.6	30	
Caprolactam	0.821	0.192	"	0.960	ND	85.5	10-132		4.84	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41490 - EPA 3550C											
Matrix Spike Dup (BH41490-! Matrix Spike Dup	*Source sample: 24H1241-01 (PE12_15)								Prepared: 08/22/2024 Analyzed: 08/23/2024		
Carbazole	0.761	0.0960	mg/kg dry	0.960	ND	79.3	10-167		7.20	30	
Chrysene	0.735	0.0960	"	0.960	ND	76.6	10-156		8.78	30	
Dibenzo(a,h)anthracene	0.778	0.0960	"	0.960	ND	81.1	10-137		4.15	30	
Dibenzofuran	0.729	0.0960	"	0.960	ND	75.9	10-147		9.25	30	
Diethyl phthalate	0.758	0.0960	"	0.960	ND	79.0	20-120		10.1	30	
Dimethyl phthalate	0.777	0.0960	"	0.960	ND	81.0	18-131		6.04	30	
Di-n-butyl phthalate	0.813	0.0960	"	0.960	ND	84.7	10-137		7.63	30	
Di-n-octyl phthalate	0.777	0.0960	"	0.960	ND	81.0	10-180		11.1	30	
Diphenylamine	0.868	0.192	"	0.960	ND	90.5	40-140		10.6	30	
Fluoranthene	0.768	0.0960	"	0.960	ND	80.0	10-160		10.9	30	
Fluorene	0.731	0.0960	"	0.960	ND	76.2	10-157		7.38	30	
Hexachlorobenzene	0.825	0.0960	"	0.960	ND	86.0	10-137		5.52	30	
Hexachlorobutadiene	0.833	0.0960	"	0.960	ND	86.8	10-132		10.7	30	
Hexachlorocyclopentadiene	0.209	0.0960	"	0.960	ND	21.8	10-106		8.45	30	
Hexachloroethane	0.691	0.0960	"	0.960	ND	72.0	10-110		8.00	30	
Indeno(1,2,3-cd)pyrene	0.931	0.0960	"	0.960	ND	97.0	10-144		1.24	30	
Isophorone	0.767	0.0960	"	0.960	ND	79.9	10-132		10.8	30	
Naphthalene	0.715	0.0960	"	0.960	ND	74.6	10-141		10.7	30	
Nitrobenzene	0.732	0.0960	"	0.960	ND	76.3	10-131		11.3	30	
N-Nitrosodimethylamine	0.609	0.0960	"	0.960	ND	63.4	10-126		5.88	30	
N-nitroso-di-n-propylamine	0.632	0.0960	"	0.960	ND	65.8	10-125		12.6	30	
N-Nitrosodiphenylamine	0.879	0.0960	"	0.960	ND	91.6	10-177		6.83	30	
Pentachlorophenol	0.547	0.0960	"	0.960	ND	57.0	10-153		0.846	30	
Phenanthrene	0.783	0.0960	"	0.960	ND	81.6	10-148		7.09	30	
Phenol	0.758	0.0960	"	0.960	ND	79.0	10-126		10.4	30	
Pyrene	0.668	0.0960	"	0.960	ND	69.6	10-165		8.79	30	
Surrogate: SURR: 2-Fluorophenol	*1.27*		*"*	*1.92*		*66.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.21*		*"*	*1.92*		*63.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.751*		*"*	*0.960*		*78.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.772*		*"*	*0.960*		*80.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.86*		*"*	*1.92*		*96.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.731*		*"*	*0.960*		*76.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41259 - EPA 3550C											
Blank (BH41259-BLK1) Blank									Prepared: 08/20/2024 Analyzed: 08/21/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*390*		*"*	*990*		*39.4*	*39-127.5*				
LCS (BH41259-BS1) LCS									Prepared: 08/20/2024 Analyzed: 08/21/2024		
1,4-Dioxane	458	19.8	ug/kg	495		92.6	40-130				
Surrogate: 1,4-Dioxane-d8	*374*		*"*	*990*		*37.7*	*39-127.5*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
Blank (BH41437-BLK1) Blank									Prepared: 08/21/2024 Analyzed: 08/23/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.750	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.757	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.789	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.351	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.740	"								
HFPO-DA (Gen-X)	ND	0.789	"								
11CL-PF3OUdS	0.493	0.746	"								
9CL-PF3ONS	ND	0.738	"								
ADONA	ND	0.746	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.986	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.93	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.93	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.73*		"	*2.30*		*119*	*25-150*				
Surrogate: M5PFHxA	*2.62*		"	*2.47*		*106*	*25-150*				
Surrogate: M4PFHpA	*3.07*		"	*2.47*		*125*	*25-150*				
Surrogate: M3PFHxS	*2.17*		"	*2.34*		*92.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.50*		"	*2.47*		*101*	*25-150*				
Surrogate: M6PFDA	*1.23*		"	*1.23*		*99.6*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.23*		*95.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.02*		"	*1.23*		*83.0*	*25-150*				
Surrogate: M2PFTeDA	*0.725*		"	*1.23*		*58.8*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
Blank (BH41437-BLK1) Blank								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.78*		*ug/kg wet*	*9.86*		*99.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.32*		*"*	*2.36*		*98.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.23*		*"*	*4.93*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.67*		*"*	*2.47*		*108*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.83*		*"*	*4.93*		*77.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.05*		*"*	*4.93*		*82.2*	*25-150*				
Surrogate: M2-6:2 FTS	*5.61*		*"*	*4.69*		*120*	*25-200*				
Surrogate: M2-8:2 FTS	*5.87*		*"*	*4.73*		*124*	*25-200*				
Surrogate: M9PFNA	*1.15*		*"*	*1.23*		*92.9*	*25-150*				
Surrogate: M2-4:2 FTS	*6.97*		*"*	*4.63*		*151*	*25-150*				
Surrogate: d-N-MeFOSA	*3.48*		*"*	*2.47*		*141*	*25-150*				
Surrogate: d-N-EtFOSA	*2.55*		*"*	*2.47*		*103*	*25-150*				
Surrogate: M3HFPO-DA	*14.3*		*"*	*9.86*		*145*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.4*		*"*	*24.7*		*74.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.1*		*"*	*24.7*		*81.5*	*25-150*				
LCS (BH41437-BS1) LCS								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Perfluorobutanesulfonic acid (PFBS)	3.20	0.175	ug/kg wet	3.50		91.4	50-150				
Perfluorohexanoic acid (PFHxA)	3.81	0.198	"	3.95		96.5	50-150				
Perfluoroheptanoic acid (PFHpA)	3.47	0.198	"	3.95		87.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.55	0.181	"	3.62		98.1	50-150				
Perfluorooctanoic acid (PFOA)	4.00	0.198	"	3.95		101	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.32	0.184	"	3.68		90.3	50-150				
Perfluorononanoic acid (PFNA)	3.90	0.198	"	3.95		98.5	50-150				
Perfluorodecanoic acid (PFDA)	4.31	0.198	"	3.95		109	50-150				
Perfluoroundecanoic acid (PFUnA)	4.29	0.198	"	3.95		109	50-150				
Perfluorododecanoic acid (PFDoA)	3.76	0.198	"	3.95		95.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.74	0.198	"	3.95		120	50-150				
Perfluorotetradecanoic acid (PFTA)	4.11	0.198	"	3.95		104	50-150				
N-MeFOSAA	3.51	0.198	"	3.95		88.9	50-150				
N-EtFOSAA	3.84	0.198	"	3.95		97.1	50-150				
Perfluoropentanoic acid (PFPeA)	7.87	0.395	"	7.91		99.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.68	0.198	"	3.95		93.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.14	0.198	"	3.77		83.3	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.92	0.191	"	3.81		76.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.0	0.751	"	15.0		107	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	13.0	0.759	"	15.2		85.4	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.9	0.791	"	15.8		101	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.03	0.352	"	7.04		114	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.31	0.395	"	7.91		105	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.85	0.395	"	7.91		99.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.17	0.395	"	7.91		103	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.80	0.186	"	3.72		102	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.3	0.741	"	14.8		96.2	50-150				
HFPO-DA (Gen-X)	6.25	0.791	"	7.91		79.0	50-150				
11CL-PF3OUdS	3.49	0.747	"	7.47		46.7	50-150	Low Bias			
9CL-PF3ONS	4.37	0.739	"	7.39		59.1	50-150				
ADONA	4.78	0.747	"	7.47		64.0	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
LCS (BH41437-BS1) LCS								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.79	0.192	ug/kg wet	3.83		46.8	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	3.56	0.190	"	3.79		93.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	25.9	0.988	"	15.8		164	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	103	4.94	"	79.1		130	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	87.8	4.94	"	79.1		111	50-150				
N-MeFOSE	39.8	1.98	"	39.5		101	50-150				
N-MeFOSA	3.43	0.198	"	3.95		86.7	50-150				
N-EtFOSE	38.0	1.98	"	39.5		96.2	50-150				
N-EtFOSA	4.70	0.198	"	3.95		119	50-150				
Surrogate: M3PFBS	*2.84*		"	*2.30*		*123*	*25-150*				
Surrogate: M5PFHxA	*2.33*		"	*2.47*		*94.3*	*25-150*				
Surrogate: M4PFHpA	*2.71*		"	*2.47*		*110*	*25-150*				
Surrogate: M3PFHxS	*2.61*		"	*2.34*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.37*		"	*2.47*		*96.0*	*25-150*				
Surrogate: M6PFDA	*1.12*		"	*1.24*		*90.3*	*25-150*				
Surrogate: M7PFUdA	*1.05*		"	*1.24*		*84.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.874*		"	*1.24*		*70.7*	*25-150*				
Surrogate: M2PFTeDA	*0.700*		"	*1.24*		*56.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.47*		"	*9.88*		*95.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.23*		"	*2.37*		*94.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.60*		"	*4.94*		*93.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.37*		"	*2.47*		*95.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.50*		"	*4.94*		*70.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.63*		"	*4.94*		*73.4*	*25-150*				
Surrogate: M2-6:2 FTS	*7.37*		"	*4.70*		*157*	*25-200*				
Surrogate: M2-8:2 FTS	*7.24*		"	*4.74*		*153*	*25-200*				
Surrogate: M9PFNA	*1.21*		"	*1.24*		*97.6*	*25-150*				
Surrogate: M2-4:2 FTS	*8.74*		"	*4.63*		*189*	*25-150*				
Surrogate: d-N-MeFOSA	*2.93*		"	*2.47*		*119*	*25-150*				
Surrogate: d-N-EtFOSA	*2.44*		"	*2.47*		*98.8*	*25-150*				
Surrogate: M3HFPO-DA	*13.1*		"	*9.88*		*132*	*25-150*				
Surrogate: d9-N-EtFOSE	*17.3*		"	*24.7*		*70.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.1*		"	*24.7*		*77.4*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
LCS (BH41437-BS2) LCS								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Perfluorobutanesulfonic acid (PFBS)	0.618	0.177	ug/kg wet	0.708		87.3	50-150				
Perfluorohexanoic acid (PFHxA)	0.680	0.200	"	0.800		85.0	50-150				
Perfluoroheptanoic acid (PFHpA)	0.642	0.200	"	0.800		80.3	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.703	0.183	"	0.732		96.0	50-150				
Perfluorooctanoic acid (PFOA)	0.735	0.200	"	0.800		91.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.616	0.186	"	0.744		82.8	50-150				
Perfluorononanoic acid (PFNA)	0.751	0.200	"	0.800		93.8	50-150				
Perfluorodecanoic acid (PFDA)	0.853	0.200	"	0.800		107	50-150				
Perfluoroundecanoic acid (PFUnA)	0.832	0.200	"	0.800		104	50-150				
Perfluorododecanoic acid (PFDoA)	0.684	0.200	"	0.800		85.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.793	0.200	"	0.800		99.1	50-150				
Perfluorotetradecanoic acid (PFTA)	0.757	0.200	"	0.800		94.6	50-150				
N-MeFOSAA	0.711	0.200	"	0.800		88.8	50-150				
N-EtFOSAA	0.582	0.200	"	0.800		72.7	50-150				
Perfluoropentanoic acid (PFPeA)	1.42	0.400	"	1.60		88.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.749	0.200	"	0.800		93.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.626	0.200	"	0.764		82.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.575	0.193	"	0.772		74.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.84	0.760	"	3.04		93.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.12	0.768	"	3.07		102	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.93	0.800	"	3.20		91.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.46	0.356	"	1.42		103	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.65	0.400	"	1.60		103	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.42	0.400	"	1.60		88.8	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.51	0.400	"	1.60		94.3	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.768	0.188	"	0.752		102	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.43	0.750	"	3.00		80.9	50-150				
HFPO-DA (Gen-X)	1.54	0.800	"	1.60		96.4	50-150				
11CL-PF3OUdS	1.06	0.756	"	1.51		70.4	50-150				
9CL-PF3ONS	0.789	0.748	"	1.50		52.7	50-150				
ADONA	1.32	0.756	"	1.51		87.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.368	0.194	"	0.776		47.5	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.739	0.192	"	0.768		96.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	4.72	1.00	"	3.20		147	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	18.9	5.00	"	16.0		118	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	16.1	5.00	"	16.0		101	50-150				
N-MeFOSE	7.42	2.00	"	8.00		92.8	50-150				
N-MeFOSA	0.757	0.200	"	0.800		94.6	50-150				
N-EtFOSE	7.37	2.00	"	8.00		92.1	50-150				
N-EtFOSA	0.683	0.200	"	0.800		85.4	50-150				
Surrogate: M3PFBS	*3.48*		"	*2.33*		*149*	*25-150*				
Surrogate: M5PFHxA	*3.02*		"	*2.50*		*121*	*25-150*				
Surrogate: M4PFHpA	*3.41*		"	*2.50*		*137*	*25-150*				
Surrogate: M3PFHxS	*2.94*		"	*2.37*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.86*		"	*2.50*		*114*	*25-150*				
Surrogate: M6PFDA	*1.24*		"	*1.25*		*99.1*	*25-150*				
Surrogate: M7PFUdA	*1.23*		"	*1.25*		*98.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.997*		"	*1.25*		*79.8*	*25-150*				
Surrogate: M2PFTeDA	*0.859*		"	*1.25*		*68.7*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
LCS (BH41437-BS2) LCS									Prepared: 08/21/2024 Analyzed: 08/23/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		*ug/kg wet*	*10.0*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.60*		*"*	*2.40*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.87*		*"*	*5.00*		*117*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.01*		*"*	*2.50*		*120*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.70*		*"*	*5.00*		*94.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.19*		*"*	*5.00*		*104*	*25-150*				
Surrogate: M2-6:2 FTS	*8.52*		*"*	*4.76*		*179*	*25-200*				
Surrogate: M2-8:2 FTS	*7.32*		*"*	*4.80*		*153*	*25-200*				
Surrogate: M9PFNA	*1.40*		*"*	*1.25*		*112*	*25-150*				
Surrogate: M2-4:2 FTS	*9.08*		*"*	*4.69*		*194*	*25-150*				
Surrogate: d-N-MeFOSA	*3.65*		*"*	*2.50*		*146*	*25-150*				
Surrogate: d-N-EtFOSA	*2.93*		*"*	*2.50*		*117*	*25-150*				
Surrogate: M3HFPO-DA	*16.8*		*"*	*10.0*		*168*	*25-150*				
Surrogate: d9-N-EtFOSE	*23.7*		*"*	*25.0*		*95.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*25.5*		*"*	*25.0*		*102*	*25-150*				
Batch BH41553 - EPA 1633 Prep											
Blank (BH41553-BLK1) Blank									Prepared & Analyzed: 08/23/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.174	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.748	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.756	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.787	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.350	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.738	"								
HFPO-DA (Gen-X)	ND	0.787	"								
11CL-PF3OUdS	ND	0.744	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41553 - EPA 1633 Prep											
Blank (BH41553-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
9CL-PF3ONS	ND	0.736	ug/kg wet								
ADONA	ND	0.744	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.984	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.92	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.92	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.87*		"	*2.29*		*125*	*25-150*				
Surrogate: M5PFHxA	*2.33*		"	*2.46*		*94.9*	*25-150*				
Surrogate: M4PFHpA	*2.95*		"	*2.46*		*120*	*25-150*				
Surrogate: M3PFHxS	*2.39*		"	*2.33*		*103*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.36*		"	*2.46*		*95.9*	*25-150*				
Surrogate: M6PFDA	*1.00*		"	*1.23*		*81.6*	*25-150*				
Surrogate: M7PFUdA	*0.929*		"	*1.23*		*75.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.792*		"	*1.23*		*64.3*	*25-150*				
Surrogate: M2PFTeDA	*0.644*		"	*1.23*		*52.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.50*		"	*9.84*		*25.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.82*		"	*2.36*		*77.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.68*		"	*4.92*		*95.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.02*		"	*2.46*		*82.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.77*		"	*4.92*		*76.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.51*		"	*4.92*		*71.2*	*25-150*				
Surrogate: M2-6:2 FTS	*4.07*		"	*4.68*		*87.0*	*25-200*				
Surrogate: M2-8:2 FTS	*3.53*		"	*4.72*		*74.8*	*25-200*				
Surrogate: M9PFNA	*1.06*		"	*1.23*		*85.9*	*25-150*				
Surrogate: M2-4:2 FTS	*4.92*		"	*4.62*		*107*	*25-150*				
Surrogate: d-N-MeFOSA	*0.946*		"	*2.46*		*38.4*	*25-150*				
Surrogate: d-N-EtFOSA	*0.735*		"	*2.46*		*29.9*	*25-150*				
Surrogate: M3HFPO-DA	*4.40*		"	*9.84*		*44.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*9.13*		"	*24.6*		*37.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*9.33*		"	*24.6*		*37.9*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41553 - EPA 1633 Prep											
LCS (BH41553-BS1) LCS								Prepared & Analyzed: 08/23/2024			
Perfluorobutanesulfonic acid (PFBS)	3.44	0.177	ug/kg wet	3.53		97.4	50-150				
Perfluorohexanoic acid (PFHxA)	3.52	0.200	"	3.99		88.1	50-150				
Perfluoroheptanoic acid (PFHpA)	2.97	0.200	"	3.99		74.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.36	0.183	"	3.65		91.9	50-150				
Perfluorooctanoic acid (PFOA)	3.80	0.200	"	3.99		95.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	2.78	0.186	"	3.71		74.8	50-150				
Perfluorononanoic acid (PFNA)	3.83	0.200	"	3.99		95.8	50-150				
Perfluorodecanoic acid (PFDA)	3.99	0.200	"	3.99		100	50-150				
Perfluoroundecanoic acid (PFUnA)	4.07	0.200	"	3.99		102	50-150				
Perfluorododecanoic acid (PFDoA)	3.17	0.200	"	3.99		79.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.84	0.200	"	3.99		96.1	50-150				
Perfluorotetradecanoic acid (PFTA)	3.66	0.200	"	3.99		91.7	50-150				
N-MeFOSAA	3.81	0.200	"	3.99		95.4	50-150				
N-EtFOSAA	3.76	0.200	"	3.99		94.2	50-150				
Perfluoropentanoic acid (PFPeA)	7.47	0.399	"	7.98		93.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.49	0.200	"	3.99		87.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.30	0.200	"	3.81		86.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.37	0.193	"	3.85		61.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.5	0.758	"	15.2		109	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	11.6	0.766	"	15.3		75.9	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.0	0.798	"	16.0		94.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.53	0.355	"	7.11		91.9	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.28	0.399	"	7.98		91.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.29	0.399	"	7.98		91.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.55	0.399	"	7.98		94.6	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.64	0.188	"	3.75		96.9	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.9	0.749	"	15.0		92.6	50-150				
HFPO-DA (Gen-X)	7.66	0.798	"	7.98		95.9	50-150				
11CL-PF3OUdS	6.91	0.754	"	7.54		91.6	50-150				
9CL-PF3ONS	9.15	0.747	"	7.47		123	50-150				
ADONA	13.8	0.754	"	7.54		183	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	2.01	0.194	"	3.87		51.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.86	0.192	"	3.83		74.6	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	8.17	0.998	"	16.0		51.2	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	52.8	4.99	"	79.8		66.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	55.9	4.99	"	79.8		70.0	50-150				
N-MeFOSE	38.8	2.00	"	39.9		97.3	50-150				
N-MeFOSA	5.10	0.200	"	3.99		128	50-150				
N-EtFOSE	34.3	2.00	"	39.9		85.9	50-150				
N-EtFOSA	4.22	0.200	"	3.99		106	50-150				
Surrogate: M3PFBS	*3.23*		"	*2.33*		*139*	*25-150*				
Surrogate: M5PFHxA	*2.64*		"	*2.50*		*106*	*25-150*				
Surrogate: M4PFHpA	*3.41*		"	*2.50*		*137*	*25-150*				
Surrogate: M3PFHxS	*2.72*		"	*2.37*		*115*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.65*		"	*2.50*		*106*	*25-150*				
Surrogate: M6PFDA	*1.06*		"	*1.25*		*84.6*	*25-150*				
Surrogate: M7PFUdA	*0.875*		"	*1.25*		*70.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.789*		"	*1.25*		*63.3*	*25-150*				
Surrogate: M2PFTeDA	*0.780*		"	*1.25*		*62.5*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41553 - EPA 1633 Prep											
LCS (BH41553-BS1) LCS								Prepared & Analyzed: 08/23/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.2*		*ug/kg wet*	*9.98*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.23*		*"*	*2.39*		*93.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.42*		*"*	*4.99*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.07*		*"*	*2.50*		*83.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.89*		*"*	*4.99*		*78.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.58*		*"*	*4.99*		*71.8*	*25-150*				
Surrogate: M2-6:2 FTS	*5.28*		*"*	*4.75*		*111*	*25-200*				
Surrogate: M2-8:2 FTS	*4.60*		*"*	*4.79*		*96.1*	*25-200*				
Surrogate: M9PFNA	*1.23*		*"*	*1.25*		*98.2*	*25-150*				
Surrogate: M2-4:2 FTS	*6.68*		*"*	*4.68*		*143*	*25-150*				
Surrogate: d-N-MeFOSA	*0.728*		*"*	*2.50*		*29.2*	*25-150*				
Surrogate: d-N-EtFOSA	*0.722*		*"*	*2.50*		*28.9*	*25-150*				
Surrogate: M3HFPO-DA	*4.41*		*"*	*9.98*		*44.2*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.7*		*"*	*25.0*		*42.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*9.53*		*"*	*25.0*		*38.2*	*25-150*				
LCS (BH41553-BS2) LCS								Prepared & Analyzed: 08/23/2024			
Perfluorobutanesulfonic acid (PFBS)	0.636	0.174	ug/kg wet	0.695		91.4	50-150				
Perfluorohexanoic acid (PFHxA)	0.619	0.196	"	0.786		78.8	50-150				
Perfluoroheptanoic acid (PFHpA)	0.549	0.196	"	0.786		69.9	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.690	0.180	"	0.719		96.0	50-150				
Perfluorooctanoic acid (PFOA)	0.748	0.196	"	0.786		95.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.699	0.183	"	0.731		95.7	50-150				
Perfluorononanoic acid (PFNA)	0.715	0.196	"	0.786		91.0	50-150				
Perfluorodecanoic acid (PFDA)	0.790	0.196	"	0.786		100	50-150				
Perfluoroundecanoic acid (PFUnA)	0.714	0.196	"	0.786		90.8	50-150				
Perfluorododecanoic acid (PFDoA)	0.568	0.196	"	0.786		72.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.840	0.196	"	0.786		107	50-150				
Perfluorotetradecanoic acid (PFTA)	0.798	0.196	"	0.786		102	50-150				
N-MeFOSAA	0.688	0.196	"	0.786		87.6	50-150				
N-EtFOSAA	0.753	0.196	"	0.786		95.8	50-150				
Perfluoropentanoic acid (PFPeA)	1.40	0.393	"	1.57		89.0	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.720	0.196	"	0.786		91.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.667	0.196	"	0.750		88.8	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.560	0.190	"	0.758		73.8	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.09	0.747	"	2.99		103	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.57	0.754	"	3.02		85.1	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.82	0.786	"	3.14		89.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.20	0.350	"	1.40		85.8	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.89	0.393	"	1.57		121	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.37	0.393	"	1.57		87.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.46	0.393	"	1.57		92.6	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.697	0.185	"	0.739		94.4	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.72	0.737	"	2.95		92.2	50-150				
HFPO-DA (Gen-X)	1.83	0.786	"	1.57		116	50-150				
11CL-PF3OUdS	1.75	0.743	"	1.49		118	50-150				
9CL-PF3ONS	1.96	0.735	"	1.47		133	50-150				
ADONA	3.46	0.743	"	1.49		233	50-150	High Bias			

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41553 - EPA 1633 Prep											
LCS (BH41553-BS2) LCS								Prepared & Analyzed: 08/23/2024			
Perfluorododecanesulfonic acid (PFDoS)	0.294	0.191	ug/kg wet	0.762		38.6	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.632	0.189	"	0.754		83.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	0.789	0.982	"	3.14		25.1	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	9.59	4.91	"	15.7		61.0	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	11.1	4.91	"	15.7		70.5	50-150				
N-MeFOSE	7.20	1.96	"	7.86		91.6	50-150				
N-MeFOSA	0.352	0.196	"	0.786		44.8	50-150	Low Bias			
N-EtFOSE	7.30	1.96	"	7.86		92.9	50-150				
N-EtFOSA	1.12	0.196	"	0.786		142	50-150				
Surrogate: M3PFBS	*2.64*		"	*2.29*		*115*	*25-150*				
Surrogate: M5PFHxA	*2.25*		"	*2.46*		*91.6*	*25-150*				
Surrogate: M4PFHpA	*2.90*		"	*2.46*		*118*	*25-150*				
Surrogate: M3PFHxS	*2.19*		"	*2.33*		*94.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.21*		"	*2.46*		*90.0*	*25-150*				
Surrogate: M6PFDA	*0.886*		"	*1.23*		*72.1*	*25-150*				
Surrogate: M7PFUdA	*0.852*		"	*1.23*		*69.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.696*		"	*1.23*		*56.7*	*25-150*				
Surrogate: M2PFTeDA	*0.537*		"	*1.23*		*43.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.44*		"	*9.82*		*85.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.85*		"	*2.35*		*78.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.66*		"	*4.91*		*94.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.74*		"	*2.46*		*70.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.27*		"	*4.91*		*66.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.95*		"	*4.91*		*60.0*	*25-150*				
Surrogate: M2-6:2 FTS	*3.89*		"	*4.67*		*83.3*	*25-200*				
Surrogate: M2-8:2 FTS	*3.29*		"	*4.72*		*69.8*	*25-200*				
Surrogate: M9PFNA	*1.09*		"	*1.23*		*88.4*	*25-150*				
Surrogate: M2-4:2 FTS	*4.51*		"	*4.61*		*97.9*	*25-150*				
Surrogate: d-N-MeFOSA	*0.734*		"	*2.46*		*29.9*	*25-150*				
Surrogate: d-N-EtFOSA	*0.567*		"	*2.46*		*23.1*	*25-150*				
Surrogate: M3HFPO-DA	*3.19*		"	*9.82*		*32.5*	*25-150*				
Surrogate: d9-N-EtFOSE	*7.62*		"	*24.6*		*31.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*7.53*		"	*24.6*		*30.7*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41492 - EPA 3550C											
Blank (BH41492-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0344*		*"*	*0.0664*		*51.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0437*		*"*	*0.0664*		*65.8*	*30-150*				
LCS (BH41492-BS1) LCS									Prepared & Analyzed: 08/22/2024		
4,4'-DDD	0.0220	0.00164	mg/kg wet	0.0332		66.3	40-140				
4,4'-DDE	0.0216	0.00164	"	0.0332		64.9	40-140				
4,4'-DDT	0.0233	0.00164	"	0.0332		70.2	40-140				
Aldrin	0.0232	0.00164	"	0.0332		69.9	40-140				
alpha-BHC	0.0240	0.00164	"	0.0332		72.2	40-140				
alpha-Chlordane	0.0241	0.00164	"	0.0332		72.4	40-140				
beta-BHC	0.0261	0.00164	"	0.0332		78.6	40-140				
delta-BHC	0.0226	0.00164	"	0.0332		67.9	40-140				
Dieldrin	0.0235	0.00164	"	0.0332		70.6	40-140				
Endosulfan I	0.0267	0.00164	"	0.0332		80.4	40-140				
Endosulfan II	0.0261	0.00164	"	0.0332		78.6	40-140				
Endosulfan sulfate	0.0238	0.00164	"	0.0332		71.6	40-140				
Endrin	0.0251	0.00164	"	0.0332		75.4	40-140				
Endrin aldehyde	0.0255	0.00164	"	0.0332		76.8	40-140				
Endrin ketone	0.0248	0.00164	"	0.0332		74.7	40-140				
gamma-BHC (Lindane)	0.0243	0.00164	"	0.0332		73.0	40-140				
gamma-Chlordane	0.0241	0.00164	"	0.0332		72.5	40-140				
Heptachlor	0.0264	0.00164	"	0.0332		79.6	40-140				
Heptachlor epoxide	0.0248	0.00164	"	0.0332		74.6	40-140				
Methoxychlor	0.0234	0.00164	"	0.0332		70.6	40-140				
Surrogate: Decachlorobiphenyl	*0.0383*		*"*	*0.0664*		*57.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0493*		*"*	*0.0664*		*74.1*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41399 - EPA 3550C											
Blank (BH41399-BLK2) Blank									Prepared: 08/21/2024 Analyzed: 08/22/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0744*		*"*	*0.0664*		*112*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0565*		*"*	*0.0664*		*85.0*	*30-140*				
LCS (BH41399-BS2) LCS									Prepared: 08/21/2024 Analyzed: 08/22/2024		
Aroclor 1016	0.267	0.0166	mg/kg wet	0.332		80.4	40-130				
Aroclor 1260	0.253	0.0166	"	0.332		76.2	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0575*		*"*	*0.0664*		*86.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0452*		*"*	*0.0664*		*68.0*	*30-140*				
Batch BH41403 - EPA 3550C											
Blank (BH41403-BLK1) Blank									Prepared & Analyzed: 08/21/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0631*		*"*	*0.0664*		*95.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0362*		*"*	*0.0664*		*54.5*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41403 - EPA 3550C											
LCS (BH41403-BS1) LCS							Prepared & Analyzed: 08/21/2024				
Aroclor 1016	0.266	0.0166	mg/kg wet	0.332		80.0	40-130				
Aroclor 1260	0.257	0.0166	"	0.332		77.5	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0535*		"	*0.0664*		*80.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0362*		"	*0.0664*		*54.5*	*30-140*				
Matrix Spike (BH41403-MS1) Matrix Spike *Source sample: 24H1241-01 (PE12_15)							Prepared & Analyzed: 08/21/2024				
Aroclor 1016	0.281	0.0194	mg/kg dry	0.388	ND	72.6	40-140				
Aroclor 1260	0.259	0.0194	"	0.388	ND	66.8	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0578*		"	*0.0775*		*74.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0364*		"	*0.0775*		*47.0*	*30-140*				
Matrix Spike Dup (BH41403-! Matrix Spike Dup *Source sample: 24H1241-01 (PE12_15)							Prepared & Analyzed: 08/21/2024				
Aroclor 1016	0.313	0.0194	mg/kg dry	0.388	ND	80.8	40-140		10.7	50	
Aroclor 1260	0.299	0.0194	"	0.388	ND	77.2	40-140		14.5	50	
Surrogate: Tetrachloro-m-xylene	*0.0640*		"	*0.0775*		*82.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0430*		"	*0.0775*		*55.5*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41496 - EPA 3550C/8151A											
Blank (BH41496-BLK1) Blank									Prepared: 08/22/2024 Analyzed: 08/26/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.266*		*"*	*0.415*		*64.0*	*21-150*				
LCS (BH41496-BS1) LCS									Prepared: 08/22/2024 Analyzed: 08/26/2024		
2,4,5-T	0.0532	0.0199	mg/kg wet	0.0664		80.0	10-120				
2,4,5-TP (Silvex)	0.0498	0.0199	"	0.0664		75.0	10-120				
2,4-D	0.0507	0.0199	"	0.0664		76.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.280*		*"*	*0.415*		*67.4*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41413 - EPA 3050B											
Blank (BH41413-BLK1) Blank									Prepared: 08/21/2024 Analyzed: 08/22/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	0.067	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	10.0	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BH41413-SRM1) Reference									Prepared: 08/21/2024 Analyzed: 08/22/2024		
Aluminum	5680	4.17	mg/kg wet	7680		74.0	46.7-129.9				
Antimony	74.9	2.08	"	257		29.1	1-100				
Arsenic	294	1.25	"	360		81.7	70.6-102.2				
Barium	297	2.08	"	332		89.6	75-108.1				
Beryllium	162	0.042	"	183		88.7	76.5-108.2				
Cadmium	196	0.250	"	238		82.4	73.5-105				
Calcium	4800	4.17	"	5490		87.4	77.2-110.9				
Chromium	174	0.417	"	199		87.2	73.4-107				
Cobalt	81.3	0.333	"	88.7		91.6	76.6-107.6				
Copper	212	1.67	"	227		93.6	74.9-105.7				
Iron	6000	20.8	"	7360		81.5	51.1-125.8				
Lead	87.5	0.417	"	100		87.5	75.9-110				
Magnesium	1560	4.17	"	1900		81.9	67.4-111.1				
Manganese	497	0.417	"	591		84.1	72.6-107.1				
Nickel	308	0.830	"	342		90.1	75.4-107.6				
Potassium	1170	4.17	"	1500		78.1	66.1-116.7				
Selenium	154	2.08	"	170		90.5	78.2-115.9				
Silver	76.8	0.420	"	88.6		86.7	73.9-112				
Sodium	534	41.7	"	527		101	68.5-115.9				
Thallium	190	2.08	"	226		84.0	73.5-108.4				
Vanadium	101	0.830	"	118		85.5	68.1-106.8				
Zinc	163	2.08	"	183		89.2	72.7-109.3				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41475 - EPA 7473 soil											
Blank (BH41475-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH41475-SRM1) Reference									Prepared & Analyzed: 08/22/2024		
Mercury	19.245		mg/kg	18.2		106	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41416 - Analysis Preparation Soil											
Blank (BH41416-BLK1) Blank									Prepared & Analyzed: 08/21/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH41416-SRM1) Reference									Prepared & Analyzed: 08/21/2024		
Cyanide, total	50.8		ug/mL	59.7		85.1	38.5-161.4				
Batch BH41521 - EPA SW846-3060											
Blank (BH41521-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BH41521-SRM1) Reference									Prepared & Analyzed: 08/22/2024		
Chromium, Hexavalent	190		mg/L	227		83.9	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H1241-01	PE12_15	40mL Vial with Stir Bar-Cool 4° C
24H1241-02	PE19_15	40mL Vial with Stir Bar-Cool 4° C
24H1241-03	PE20_15	40mL Vial with Stir Bar-Cool 4° C
24H1241-04	PE27_15	40mL Vial with Stir Bar-Cool 4° C
24H1241-05	PE28_15	40mL Vial with Stir Bar-Cool 4° C
24H1241-06	TB_08192024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: Per client request, the following sample IDs were updated to remove the dash after PE in the ID nomenclature.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK

YORK Project Number: 24#1241

Page 1 of 5

Report To:	Invoice To:
Company: LANCAN	Company:
Address: 200 Kimball Dr Parsippany NJ 07054	Address:
Phone.: 973 560 4900	Phone.: Same
Contact: Lauren Kotth	Contact:
E-mail: LKotth@langan.com	E-mail:

YOUR Project Name / Number: 12096 Flatlands Avenue
100688801

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Turn-Around Time
- RUSH - Next Day [ ]
- RUSH - Two Day [ ]
- RUSH - Three Day [ ]
- RUSH - Four Day [ ]
- RUSH - Five Day [ ]
- Standard (6-9 Day) [X]
- PFAS Standard 7-10 Day [ ]

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pest.+Herbicides	Cyanides	Tot. Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp. G/C
PB-12_15	8/19	11:00	Soil	3									1	X	X	X	X	X	X	X	X	
PB-19_15		11:10		3									1	X	X	X	X	X	X	X	X	
PB-20_15		11:15		3									1	X	X	X	X	X	X	X	X	
PB-27_15		11:20		3									1	X	X	X	X	X	X	X	X	
PB-28_15		11:25		3									1	X	X	X	X	X	X	X	X	
TB-08[illegible]24			Liq		2								2	X								

Report Type (circle)
- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)
- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)

Field Filtered [ ]
Lab Filtered [ ]

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N
Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Kyle Godfrey LANGAN	8/19 14:30	Ramon Duran	8/19/24 1631	Ramon Duran	8/19/24 21:20
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[illegible]	8/19/24 21:20 5.4° Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1317

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1317

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 20, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H1317-01	PE13_15	Soil	08/20/2024	08/20/2024
24H1317-02	PE14_15	Soil	08/20/2024	08/20/2024
24H1317-03	PE15_16	Soil	08/20/2024	08/20/2024
24H1317-04	PE11_15	Soil	08/20/2024	08/20/2024
24H1317-05	PE22_16	Soil	08/20/2024	08/20/2024
24H1317-06	PE23_16	Soil	08/20/2024	08/20/2024
24H1317-07	PE30_16	Soil	08/20/2024	08/20/2024
24H1317-08	PE31_16	Soil	08/20/2024	08/20/2024
24H1317-09	TB_08202024	Water	08/20/2024	08/20/2024

General Notes for York Project (SDG) No.: 24H1317

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 09/09/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.030	0.059	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0082**	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*85.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.212	0.424	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.212	0.424	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.0879**	J	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0685**	J	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0871**	J	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.156**		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	**Di-n-butyl phthalate**	**0.0609**	J	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.190**		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0558**	J	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.151**		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.2 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.6 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*101 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.6 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 14:28	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.8 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.141	0.224	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0672	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.133	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.227	0.232	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.218	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.212	0.236	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.240	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.242	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.251	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.207	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.158	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.131	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.188	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.246	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.138	0.507	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.185	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.196	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.242	0.245	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.754	0.963	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.957	0.973	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.138	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.176	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.245	0.507	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0786	0.507	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.122	0.507	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.199	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.754	0.951	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.771	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.394	0.958	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.312	0.948	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.221	0.958	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.214	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.157	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.804	1.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.66	6.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.90	6.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.774	2.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.228	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.883	2.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.251	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*151 %*	PFSu-H	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*112 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*141 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*127 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*115 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*117 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*125 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*120 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*106 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*112 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*106 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*109 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*97.9 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*118 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*193 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*215 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*118 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*188 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*131 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*96.5 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*147 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*97.9 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*95.9 %*		*25-150*

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0409	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0254	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:45	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0254	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:45	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0254	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:45	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*99.6 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7780**		mg/kg dry	5.30	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.65	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.75**		mg/kg dry	1.59	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**33.0**		mg/kg dry	2.65	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.286**	B	mg/kg dry	0.053	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.318	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**424**		mg/kg dry	5.30	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.9**		mg/kg dry	0.531	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.70**		mg/kg dry	0.424	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**4.69**		mg/kg dry	2.12	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8620**		mg/kg dry	26.5	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**13.1**		mg/kg dry	0.531	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1290**		mg/kg dry	5.31	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**37.3**		mg/kg dry	0.531	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**9.16**		mg/kg dry	1.06	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**365**	B	mg/kg dry	5.31	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.65	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.535	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**83.3**		mg/kg dry	53.0	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.65	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.6**		mg/kg dry	1.06	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**17.9**		mg/kg dry	2.64	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.163**		mg/kg dry	0.0382	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.636	1	EPA 7196A	08/26/2024 15:00	08/27/2024 09:29	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**13.9**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.636	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	78.6		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.089	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.082**	CCVE	mg/kg dry	0.0044	0.0089	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0044	0.0089	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	**Methyl acetate**	**0.0026**	J	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*86.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.362	0.724	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.362	0.724	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.205**		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.169**	J	mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.153**	J	mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.8 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*66.8 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*78.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*106 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.6 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 14:45	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.7 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.239	0.380	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.114	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.226	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.385	0.393	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.370	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.359	0.400	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.406	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.411	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.426	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.350	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.269	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.221	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.318	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.417	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.234	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.314	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.333	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.411	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.28	1.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.62	1.65	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.234	1.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.299	0.765	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.415	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.133	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.206	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.337	0.404	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.28	1.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.31	1.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.669	1.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.529	1.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.374	1.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.363	0.417	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.267	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.36	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	4.51	10.7	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	3.22	10.7	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	1.31	4.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.387	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.50	4.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.426	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*130 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*106 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*141 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*111 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*122 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*130 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*104 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*76.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*101 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*122 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*104 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*119 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*103 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*117 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*133 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*133 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*118 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*147 %*	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*133 %*	*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*92.0 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*132 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*98.1 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*95.3 %*	*25-150*

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0703	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0433	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:52	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0433	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:52	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0433	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:52	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*47.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15500**		mg/kg dry	9.12	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	4.56	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.69**		mg/kg dry	2.74	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**170**		mg/kg dry	4.55	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.584**	B	mg/kg dry	0.092	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.547	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**8740**		mg/kg dry	9.12	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**30.8**		mg/kg dry	0.913	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**8.32**		mg/kg dry	0.729	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**49.2**		mg/kg dry	3.65	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**23500**		mg/kg dry	45.6	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**564**		mg/kg dry	0.913	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**5330**		mg/kg dry	9.13	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**151**		mg/kg dry	0.913	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**30.0**		mg/kg dry	1.82	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1030**	B	mg/kg dry	9.13	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	4.56	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.919	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**305**		mg/kg dry	91.2	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	4.56	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**34.3**		mg/kg dry	1.82	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**221**		mg/kg dry	4.54	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.388**		mg/kg dry	0.0656	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	1.09	1	EPA 7196A	08/26/2024 15:00	08/27/2024 09:29	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**30.8**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.09	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	45.7		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.063	0.13	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0073**	J	mg/kg dry	0.0063	0.013	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0063	0.013	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0095	0.019	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*110 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.360	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.360	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.5 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.7 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.5 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.8 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 15:03	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.1 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.192	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0575	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.199	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.187	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.202	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.205	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.211	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.207	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.646	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.820	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.387	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.210	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0673	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.646	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.660	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.338	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.267	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.189	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.184	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.688	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.28	5.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.63	5.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.663	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.757	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*139 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*105 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*136 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*106 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*112 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*108 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*97.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*67.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*100 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*98.1 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*102 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*120 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*102 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*104 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*130 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*145 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*108 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*141 %*		*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*115 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*100 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*153 %*	PFSu-H	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*101 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*98.1 %*		*25-150*

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0357	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0218	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0218	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0218	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*57.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4090**		mg/kg dry	4.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.30	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.38	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**8.73**		mg/kg dry	2.29	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.267**	B	mg/kg dry	0.046	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.276	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**307**		mg/kg dry	4.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**7.92**		mg/kg dry	0.460	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.17**		mg/kg dry	0.367	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**9.13**		mg/kg dry	1.84	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8000**		mg/kg dry	23.0	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.53**		mg/kg dry	0.460	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1540**		mg/kg dry	4.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**42.5**		mg/kg dry	0.460	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**12.2**		mg/kg dry	0.916	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**424**	B	mg/kg dry	4.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.30	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.463	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	ND		mg/kg dry	46.0	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.30	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**12.3**		mg/kg dry	0.916	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**12.9**		mg/kg dry	2.29	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0331	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.552	1	EPA 7196A	08/26/2024 15:00	08/27/2024 09:29	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**7.92**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.552	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.6**		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.025	0.050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.012**	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*86.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.205	0.409	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.205	0.409	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.0 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*62.5 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*109 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.6 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 15:20	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*83.8 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0661	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.131	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.223	0.228	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.215	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.208	0.232	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.236	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.238	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.247	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.203	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.156	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.129	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.185	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.242	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.136	0.499	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.182	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.193	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.238	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.742	0.948	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.942	0.958	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.136	0.998	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.173	0.444	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.241	0.499	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0774	0.499	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.120	0.499	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.196	0.235	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.742	0.936	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.759	0.998	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.388	0.943	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.307	0.933	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.217	0.943	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.211	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.155	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.791	1.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.62	6.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.87	6.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.762	2.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.225	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.870	2.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.247	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*98.9 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*129 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*100 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*97.4 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*96.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*66.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*2.97 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*84.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*89.6 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*83.7 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*98.1 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*169 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*189 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*95.1 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*167 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*117 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*77.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*127 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*81.0 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*83.5 %*		*25-150*

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0411	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0248	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0248	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0248	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*56.2 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8630**		mg/kg dry	5.21	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.56	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**10.1**		mg/kg dry	2.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.344**	B	mg/kg dry	0.053	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**471**		mg/kg dry	5.21	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**10.8**		mg/kg dry	0.521	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.29**		mg/kg dry	0.416	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**3.58**		mg/kg dry	2.08	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**6760**		mg/kg dry	26.0	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**5.84**		mg/kg dry	0.521	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1170**		mg/kg dry	5.21	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**40.9**		mg/kg dry	0.521	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**8.77**		mg/kg dry	1.04	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**404**	B	mg/kg dry	5.21	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.525	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**111**		mg/kg dry	52.1	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**14.5**		mg/kg dry	1.04	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**12.3**		mg/kg dry	2.59	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0375	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.625	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**10.8**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.625	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.0**		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **PE22_16** **York Sample ID:** **24H1317-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0060**		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.050**	CCVE	mg/kg dry	0.0050	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0050	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*86.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.224	0.449	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.224	0.449	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.0887**	J	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0905**	J	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.126**		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0663**	J	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.116**		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.243**		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0726**	J	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.185**		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.207**		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.0 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*52.9 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.7 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*94.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.2 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 15:38	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.151	0.240	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0720	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.143	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.243	0.249	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.234	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.227	0.253	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.257	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.259	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.269	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.221	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.170	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.140	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.201	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.263	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.148	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.198	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.211	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.259	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.808	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.03	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.148	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.189	0.484	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.262	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0842	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.130	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.213	0.255	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.808	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.826	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.422	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.334	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.236	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.230	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.168	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.861	1.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.85	6.79	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.04	6.79	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.830	2.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.244	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.947	2.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.269	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*135 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*104 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*128 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*122 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*112 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*113 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*119 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*98.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.4 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*98.9 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*124 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*98.1 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*109 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*115 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*128 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*284 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*347 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*106 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*293 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*97.5 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*74.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*116 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*94.7 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*92.7 %*		*25-150*

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0439	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: PCB-Tot

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.0402**		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0273	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0273	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0273	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*99.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6790**		mg/kg dry	5.69	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.85	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**8.60**		mg/kg dry	1.71	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**327**		mg/kg dry	2.84	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.399**	B	mg/kg dry	0.057	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.683**		mg/kg dry	0.342	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2610**		mg/kg dry	5.69	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.6**		mg/kg dry	0.570	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.22**		mg/kg dry	0.455	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**80.4**		mg/kg dry	2.28	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**26700**		mg/kg dry	28.5	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**300**		mg/kg dry	0.570	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1170**		mg/kg dry	5.70	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**195**		mg/kg dry	0.570	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**18.8**		mg/kg dry	1.13	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**495**	B	mg/kg dry	5.70	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.85	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**0.581**		mg/kg dry	0.574	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**417**		mg/kg dry	56.9	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.85	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.5**		mg/kg dry	1.13	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**447**		mg/kg dry	2.84	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.579**		mg/kg dry	0.0410	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.683	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.6**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.683	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**73.2**		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.038	0.077	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0032**	J	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.12**	CCVE	mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*85.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.228	0.455	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.228	0.455	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.1 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*53.5 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.5 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.7 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.3 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM Certifications: NELAC-NY10854	08/27/2024 08:25	08/28/2024 15:55	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*66.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.153	0.245	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0732	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.145	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.247	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.238	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.231	0.257	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.261	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.264	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.274	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.225	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.173	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.142	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.204	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.268	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.151	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.202	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.214	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.264	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.822	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.04	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.151	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.192	0.492	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.267	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0857	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.133	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.217	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.822	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.840	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.430	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.340	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.240	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.233	0.268	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.171	0.265	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.876	1.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.90	6.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.07	6.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.844	2.76	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.249	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.963	2.76	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.274	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*136 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*109 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*142 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*112 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*104 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*110 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*107 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*98.8 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*102 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*108 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*100 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*101 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*108 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*132 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*148 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*108 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*150 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*85.6 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*81.1 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*117 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*95.2 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*95.1 %*		*25-150*

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0863	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0275	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0275	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0275	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*59.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6800**		mg/kg dry	5.76	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.88	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.59**		mg/kg dry	1.73	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**179**		mg/kg dry	2.87	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.311**	B	mg/kg dry	0.058	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.391**		mg/kg dry	0.345	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3300**		mg/kg dry	5.76	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**18.6**		mg/kg dry	0.576	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.57**		mg/kg dry	0.460	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**49.1**		mg/kg dry	2.30	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**14500**		mg/kg dry	28.8	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**225**		mg/kg dry	0.576	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2070**		mg/kg dry	5.76	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**79.9**		mg/kg dry	0.576	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.7**		mg/kg dry	1.15	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**552**	B	mg/kg dry	5.76	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.88	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.580	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**275**		mg/kg dry	57.6	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.88	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**17.2**		mg/kg dry	1.15	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**309**		mg/kg dry	2.87	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.384**		mg/kg dry	0.0414	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.691	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**18.6**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.691	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**72.4**		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE30_16** **York Sample ID:** **24H1317-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.030	0.060	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0071**		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.11**		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*115 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.224	0.447	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.224	0.447	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.0750**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0669**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0794**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0669**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.163**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0616**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**1.63**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0678**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.135**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.6 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.8 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*96.9 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.0 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 16:13	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*67.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.151	0.240	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0720	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.143	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.243	0.249	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.234	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.227	0.253	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.257	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.259	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.269	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.221	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.170	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.140	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.201	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.263	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.148	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.198	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.211	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.259	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.808	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.03	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.148	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.189	0.484	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.262	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0842	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.130	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.213	0.255	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.808	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.826	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.422	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.334	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.236	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.230	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.168	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.861	1.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.85	6.79	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.04	6.79	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.830	2.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.244	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.947	2.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.269	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*125 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*97.7 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*136 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*104 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*93.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*95.1 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*134 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*94.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*98.8 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*109 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*129 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*215 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*299 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*101 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*164 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*93.0 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*60.0 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*105 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*87.0 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*86.4 %*		*25-150*

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0440	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0271	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0271	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0271	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*81.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7920**		mg/kg dry	5.67	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.83	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.80**		mg/kg dry	1.70	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**708**		mg/kg dry	2.83	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.340**	B	mg/kg dry	0.057	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.771**		mg/kg dry	0.340	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**7080**		mg/kg dry	5.67	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**26.3**		mg/kg dry	0.567	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.49**		mg/kg dry	0.453	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**105**		mg/kg dry	2.27	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**20500**		mg/kg dry	28.3	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**963**		mg/kg dry	0.567	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1890**		mg/kg dry	5.67	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**156**		mg/kg dry	0.567	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**19.0**		mg/kg dry	1.13	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**762**	B	mg/kg dry	5.67	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.572	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**959**		mg/kg dry	56.7	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**18.1**		mg/kg dry	1.13	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**560**		mg/kg dry	2.82	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.382**		mg/kg dry	0.0408	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.680	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**26.3**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.680	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**73.5**		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE31_16** **York Sample ID:** **24H1317-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.023**		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.12**	CCVE	mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*87.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.240	0.480	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.240	0.480	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0632**	J	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.0891**	J	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0718**	J	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0910**	J	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.2 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.9 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.5 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*101 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.1 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 16:30	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.8 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.159	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0760	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.151	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.257	0.263	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.247	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.240	0.267	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.271	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.274	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.284	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.234	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.179	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.148	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.212	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.278	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.156	0.574	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.209	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.222	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.274	0.277	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.854	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.08	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.156	1.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.199	0.511	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.277	0.574	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0890	0.574	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.138	0.574	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.225	0.270	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.854	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.872	1.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.446	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.353	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.250	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.242	0.278	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.178	0.275	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.910	1.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	3.01	7.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.15	7.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.877	2.87	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.258	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.00	2.87	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.284	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*136 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*106 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*134 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*127 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*110 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*113 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*93.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*61.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*29.7 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*147 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*96.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*129 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*163 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*406 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*520 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*109 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*273 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*87.5 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*63.9 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*86.0 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*79.2 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*75.0 %*		*25-150*

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0479	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0290	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:35	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0290	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:35	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0290	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:35	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*86.2 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8010**		mg/kg dry	6.09	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	3.04	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.06**		mg/kg dry	1.83	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**326**		mg/kg dry	3.04	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.414**	B	mg/kg dry	0.061	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.730**		mg/kg dry	0.365	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**30800**		mg/kg dry	6.09	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**24.7**		mg/kg dry	0.609	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.66**		mg/kg dry	0.486	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**77.3**		mg/kg dry	2.43	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15000**		mg/kg dry	30.4	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**533**		mg/kg dry	0.609	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3110**		mg/kg dry	6.09	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**146**		mg/kg dry	0.609	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.3**		mg/kg dry	1.21	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**673**	B	mg/kg dry	6.09	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	3.04	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.613	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**501**		mg/kg dry	60.9	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	3.04	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.4**		mg/kg dry	1.21	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**343**		mg/kg dry	3.03	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.431**		mg/kg dry	0.0438	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.730	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**24.7**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.730	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**68.5**		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TB_08202024 **York Sample ID:** 24H1317-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Water	August 20, 2024 3:00 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	40	40	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08202024 **York Sample ID:** 24H1317-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Water	August 20, 2024 3:00 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_08202024 **York Sample ID:** 24H1317-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Water	August 20, 2024 3:00 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE, QL-02	ug/L	0.50	1.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08202024 **York Sample ID:** 24H1317-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Water	August 20, 2024 3:00 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.2 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*79-122*

Analytical Batch Summary

Batch ID: BH41358 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/21/24
24H1317-02	PE14_15	08/21/24
24H1317-03	PE15_16	08/21/24
24H1317-04	PE11_15	08/21/24
24H1317-05	PE22_16	08/21/24
24H1317-06	PE23_16	08/21/24
24H1317-07	PE30_16	08/21/24
24H1317-08	PE31_16	08/21/24
BH41358-BLK1	Blank	08/21/24
BH41358-BS1	LCS	08/21/24

Batch ID: BH41403 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/21/24
24H1317-02	PE14_15	08/21/24
24H1317-03	PE15_16	08/21/24
24H1317-04	PE11_15	08/21/24
24H1317-05	PE22_16	08/21/24
24H1317-06	PE23_16	08/21/24
24H1317-07	PE30_16	08/21/24
24H1317-08	PE31_16	08/21/24
BH41403-BLK1	Blank	08/21/24
BH41403-BS1	LCS	08/21/24

Batch ID: BH41413 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/21/24
24H1317-02	PE14_15	08/21/24
24H1317-03	PE15_16	08/21/24
24H1317-04	PE11_15	08/21/24
24H1317-05	PE22_16	08/21/24
24H1317-06	PE23_16	08/21/24
24H1317-07	PE30_16	08/21/24
24H1317-08	PE31_16	08/21/24
BH41413-BLK1	Blank	08/21/24
BH41413-SRM1	Reference	08/21/24

Batch ID: BH41437 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/21/24
24H1317-02	PE14_15	08/21/24

24H1317-03	PE15_16	08/21/24
24H1317-04	PE11_15	08/21/24
24H1317-05	PE22_16	08/21/24
24H1317-06	PE23_16	08/21/24
24H1317-07	PE30_16	08/21/24
24H1317-08	PE31_16	08/21/24
BH41437-BLK1	Blank	08/21/24
BH41437-BS1	LCS	08/21/24
BH41437-BS2	LCS	08/21/24

Batch ID: BH41446 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/22/24
24H1317-02	PE14_15	08/22/24
24H1317-03	PE15_16	08/22/24
24H1317-04	PE11_15	08/22/24
24H1317-05	PE22_16	08/22/24
24H1317-06	PE23_16	08/22/24
24H1317-07	PE30_16	08/22/24
24H1317-08	PE31_16	08/22/24

Batch ID: BH41459 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/22/24
24H1317-02	PE14_15	08/22/24
24H1317-03	PE15_16	08/22/24
24H1317-04	PE11_15	08/22/24
24H1317-05	PE22_16	08/22/24
24H1317-06	PE23_16	08/22/24
BH41459-BLK1	Blank	08/22/24
BH41459-BS1	LCS	08/22/24

Batch ID: BH41462 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/22/24
24H1317-02	PE14_15	08/22/24
24H1317-03	PE15_16	08/22/24
24H1317-04	PE11_15	08/22/24
24H1317-05	PE22_16	08/22/24
24H1317-06	PE23_16	08/22/24
24H1317-07	PE30_16	08/22/24
24H1317-08	PE31_16	08/22/24
BH41462-BLK1	Blank	08/22/24
BH41462-BS1	LCS	08/22/24

Batch ID: BH41475 **Preparation Method:** EPA 7473 soil **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/22/24
24H1317-02	PE14_15	08/22/24
24H1317-03	PE15_16	08/22/24
24H1317-04	PE11_15	08/22/24
24H1317-05	PE22_16	08/22/24
24H1317-06	PE23_16	08/22/24
24H1317-07	PE30_16	08/22/24
24H1317-08	PE31_16	08/22/24
BH41475-BLK1	Blank	08/22/24
BH41475-SRM1	Reference	08/22/24

Batch ID: BH41576 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-09	TB_08202024	08/23/24
BH41576-BLK1	Blank	08/23/24
BH41576-BS1	LCS	08/23/24
BH41576-BSD1	LCS Dup	08/23/24

Batch ID: BH41577 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/22/24
24H1317-02	PE14_15	08/22/24
24H1317-04	PE11_15	08/22/24
24H1317-05	PE22_16	08/22/24
24H1317-06	PE23_16	08/22/24
24H1317-08	PE31_16	08/22/24
BH41577-BLK1	Blank	08/22/24
BH41577-BS1	LCS	08/22/24
BH41577-BSD1	LCS Dup	08/22/24

Batch ID: BH41640 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/26/24
24H1317-02	PE14_15	08/26/24
24H1317-03	PE15_16	08/26/24
24H1317-04	PE11_15	08/26/24
24H1317-05	PE22_16	08/26/24
24H1317-06	PE23_16	08/26/24
24H1317-07	PE30_16	08/26/24
24H1317-08	PE31_16	08/26/24
BH41640-BLK1	Blank	08/26/24
BH41640-DUP1	Duplicate	08/26/24
BH41640-MS1	Matrix Spike	08/26/24
BH41640-MSD1	Matrix Spike Dup	08/26/24



BH41640-SRM1	Reference	08/26/24

Batch ID: BH41690 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-03	PE15_16	08/23/24
24H1317-07	PE30_16	08/23/24
BH41690-BLK1	Blank	08/23/24
BH41690-BS1	LCS	08/23/24
BH41690-BSD1	LCS Dup	08/23/24

Batch ID: BH41707 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/26/24
24H1317-02	PE14_15	08/26/24
24H1317-03	PE15_16	08/26/24
BH41707-BLK1	Blank	08/26/24
BH41707-DUP1	Duplicate	08/26/24
BH41707-MS1	Matrix Spike	08/26/24
BH41707-MSD1	Matrix Spike Dup	08/26/24
BH41707-SRM1	Reference	08/26/24

Batch ID: BH41757 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/27/24
24H1317-02	PE14_15	08/27/24
24H1317-03	PE15_16	08/27/24
24H1317-04	PE11_15	08/27/24
24H1317-05	PE22_16	08/27/24
24H1317-06	PE23_16	08/27/24
24H1317-07	PE30_16	08/27/24
24H1317-08	PE31_16	08/27/24
BH41757-BLK1	Blank	08/27/24
BH41757-BS1	LCS	08/27/24

Batch ID: BH41861 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-07	PE30_16	08/28/24
24H1317-08	PE31_16	08/28/24
BH41861-BLK1	Blank	08/28/24
BH41861-BS1	LCS	08/28/24

Batch ID: BH41875 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date

24H1317-04	PE11_15	08/28/24
24H1317-05	PE22_16	08/28/24
24H1317-06	PE23_16	08/28/24
24H1317-07	PE30_16	08/28/24
24H1317-08	PE31_16	08/28/24
BH41875-BLK1	Blank	08/28/24
BH41875-SRM1	Reference	08/28/24

Batch ID: BH41920 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/28/24
24H1317-02	PE14_15	08/28/24
24H1317-03	PE15_16	08/28/24
24H1317-04	PE11_15	08/28/24
24H1317-05	PE22_16	08/28/24
24H1317-06	PE23_16	08/28/24
24H1317-07	PE30_16	08/28/24
24H1317-08	PE31_16	08/28/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
Blank (BH41576-BLK1) Blank									Prepared & Analyzed: 08/23/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
Blank (BH41576-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
n-Butylbenzene	ND	0.50	ug/L								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.18*		*"*	*10.0*		*91.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				
LCS (BH41576-BS1) LCS								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	9.3		ug/L	10.0		92.8	82-126				
1,1,1-Trichloroethane	9.1		"	10.0		90.8	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.9		"	10.0		98.7	54-165				
1,1,2-Trichloroethane	9.2		"	10.0		92.0	82-123				
1,1-Dichloroethane	9.2		"	10.0		91.5	82-129				
1,1-Dichloroethylene	9.9		"	10.0		98.7	68-138				
1,2,3-Trichlorobenzene	8.3		"	10.0		82.9	40-130				
1,2,3-Trichloropropane	12		"	10.0		124	77-128				
1,2,4-Trichlorobenzene	8.4		"	10.0		83.7	65-137				
1,2,4-Trimethylbenzene	11		"	10.0		110	82-132				
1,2-Dibromo-3-chloropropane	9.2		"	10.0		91.6	45-147				
1,2-Dibromoethane	8.9		"	10.0		89.0	83-124				
1,2-Dichlorobenzene	9.6		"	10.0		95.7	79-123				
1,2-Dichloroethane	8.9		"	10.0		89.0	73-132				
1,2-Dichloropropane	10		"	10.0		99.6	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		114	80-131				
1,3-Dichlorobenzene	9.9		"	10.0		98.9	86-130				
1,4-Dichlorobenzene	9.7		"	10.0		96.7	85-130				
1,4-Dioxane	130		"	210		60.6	10-349				
2-Butanone	8.5		"	10.0		85.0	49-152				
2-Hexanone	9.4		"	10.0		93.5	51-146				
4-Methyl-2-pentanone	7.4		"	10.0		73.8	57-145				
Acetone	5.8		"	10.0		57.9	14-150				
Acrolein	3.0		"	10.0		29.6	10-153				
Acrylonitrile	7.7		"	10.0		77.2	51-150				
Benzene	9.6		"	10.0		95.6	85-126				
Bromochloromethane	8.8		"	10.0		88.5	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
LCS (BH41576-BS1) LCS							Prepared & Analyzed: 08/23/2024				
Bromodichloromethane	9.4		ug/L	10.0		94.0	79-128				
Bromoform	8.2		"	10.0		82.4	78-133				
Bromomethane	9.0		"	10.0		89.7	43-168				
Carbon disulfide	9.4		"	10.0		93.8	68-146				
Carbon tetrachloride	9.4		"	10.0		93.7	77-141				
Chlorobenzene	9.4		"	10.0		93.5	88-120				
Chloroethane	8.4		"	10.0		84.5	65-136				
Chloroform	9.2		"	10.0		91.7	82-128				
Chloromethane	7.3		"	10.0		72.9	43-155				
cis-1,2-Dichloroethylene	9.2		"	10.0		92.1	83-129				
cis-1,3-Dichloropropylene	8.9		"	10.0		89.2	80-131				
Cyclohexane	8.3		"	10.0		83.1	63-149				
Dibromochloromethane	8.4		"	10.0		84.5	80-130				
Dibromomethane	8.8		"	10.0		88.4	72-134				
Dichlorodifluoromethane	5.5		"	10.0		55.4	44-144				
Ethyl Benzene	10		"	10.0		102	80-131				
Hexachlorobutadiene	10		"	10.0		99.5	67-146				
Isopropylbenzene	12		"	10.0		118	76-140				
Methyl acetate	7.8		"	10.0		78.5	51-139				
Methyl tert-butyl ether (MTBE)	8.9		"	10.0		88.7	76-135				
Methylcyclohexane	10		"	10.0		104	72-143				
Methylene chloride	8.9		"	10.0		89.4	55-137				
n-Butylbenzene	11		"	10.0		113	79-132				
n-Propylbenzene	12		"	10.0		117	78-133				
o-Xylene	9.7		"	10.0		96.8	78-130				
p- & m- Xylenes	20		"	20.0		100	77-133				
p-Isopropyltoluene	12		"	10.0		116	81-136				
sec-Butylbenzene	12		"	10.0		117	79-137				
Styrene	9.6		"	10.0		96.3	67-132				
tert-Butyl alcohol (TBA)	11		"	50.0		21.2	25-162	Low Bias			
tert-Butylbenzene	11		"	10.0		105	77-138				
Tetrachloroethylene	9.5		"	10.0		94.8	82-131				
Toluene	10		"	10.0		99.5	80-127				
trans-1,2-Dichloroethylene	9.2		"	10.0		92.1	80-132				
trans-1,3-Dichloropropylene	7.4		"	10.0		74.4	78-131	Low Bias			
trans-1,4-dichloro-2-butene	11		"	10.0		107	63-141				
Trichloroethylene	9.9		"	10.0		98.9	82-128				
Trichlorofluoromethane	8.7		"	10.0		87.4	67-139				
Vinyl Chloride	8.0		"	10.0		80.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.09*		*"*	*10.0*		*90.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
LCS Dup (BH41576-BSD1) LCS Dup							Prepared & Analyzed: 08/23/2024				
1,1,1,2-Tetrachloroethane	9.8		ug/L	10.0		97.9	82-126		5.35	30	
1,1,1-Trichloroethane	9.4		"	10.0		94.5	78-136		3.99	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		110	76-129		8.36	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		99.9	54-165		1.21	30	
1,1,2-Trichloroethane	9.4		"	10.0		94.1	82-123		2.26	30	
1,1-Dichloroethane	9.4		"	10.0		94.4	82-129		3.12	30	
1,1-Dichloroethylene	10		"	10.0		102	68-138		3.58	30	
1,2,3-Trichlorobenzene	12		"	10.0		122	40-130		37.8	30	Non-dir.
1,2,3-Trichloropropane	13		"	10.0		126	77-128		2.00	30	
1,2,4-Trichlorobenzene	9.3		"	10.0		93.2	65-137		10.7	30	
1,2,4-Trimethylbenzene	12		"	10.0		116	82-132		4.96	30	
1,2-Dibromo-3-chloropropane	9.6		"	10.0		96.1	45-147		4.79	30	
1,2-Dibromoethane	9.0		"	10.0		90.3	83-124		1.45	30	
1,2-Dichlorobenzene	9.9		"	10.0		99.3	79-123		3.69	30	
1,2-Dichloroethane	9.7		"	10.0		96.9	73-132		8.50	30	
1,2-Dichloropropane	10		"	10.0		101	78-126		1.30	30	
1,3,5-Trimethylbenzene	12		"	10.0		118	80-131		3.02	30	
1,3-Dichlorobenzene	10		"	10.0		103	86-130		4.45	30	
1,4-Dichlorobenzene	9.9		"	10.0		98.6	85-130		1.95	30	
1,4-Dioxane	180		"	210		86.1	10-349		34.8	30	Non-dir.
2-Butanone	9.3		"	10.0		93.0	49-152		8.99	30	
2-Hexanone	10		"	10.0		99.9	51-146		6.62	30	
4-Methyl-2-pentanone	7.7		"	10.0		76.8	57-145		3.98	30	
Acetone	7.7		"	10.0		77.3	14-150		28.7	30	
Acrolein	3.5		"	10.0		35.3	10-153		17.6	30	
Acrylonitrile	7.5		"	10.0		74.8	51-150		3.16	30	
Benzene	10		"	10.0		100	85-126		5.00	30	
Bromochloromethane	9.4		"	10.0		94.0	77-128		6.03	30	
Bromodichloromethane	9.7		"	10.0		97.2	79-128		3.35	30	
Bromoform	8.2		"	10.0		82.5	78-133		0.121	30	
Bromomethane	9.0		"	10.0		90.0	43-168		0.334	30	
Carbon disulfide	9.6		"	10.0		95.9	68-146		2.21	30	
Carbon tetrachloride	9.8		"	10.0		97.6	77-141		4.08	30	
Chlorobenzene	9.8		"	10.0		97.9	88-120		4.60	30	
Chloroethane	8.7		"	10.0		86.6	65-136		2.45	30	
Chloroform	9.6		"	10.0		95.8	82-128		4.37	30	
Chloromethane	7.3		"	10.0		73.3	43-155		0.547	30	
cis-1,2-Dichloroethylene	9.8		"	10.0		98.2	83-129		6.41	30	
cis-1,3-Dichloropropylene	9.1		"	10.0		90.7	80-131		1.67	30	
Cyclohexane	8.5		"	10.0		84.6	63-149		1.79	30	
Dibromochloromethane	8.8		"	10.0		87.9	80-130		3.94	30	
Dibromomethane	8.9		"	10.0		88.6	72-134		0.226	30	
Dichlorodifluoromethane	5.2		"	10.0		52.1	44-144		6.14	30	
Ethyl Benzene	11		"	10.0		106	80-131		3.96	30	
Hexachlorobutadiene	9.6		"	10.0		96.3	67-146		3.27	30	
Isopropylbenzene	12		"	10.0		121	76-140		2.94	30	
Methyl acetate	8.8		"	10.0		87.6	51-139		11.0	30	
Methyl tert-butyl ether (MTBE)	9.5		"	10.0		95.1	76-135		6.96	30	
Methylcyclohexane	11		"	10.0		106	72-143		1.33	30	
Methylene chloride	9.3		"	10.0		93.2	55-137		4.16	30	
n-Butylbenzene	12		"	10.0		117	79-132		2.95	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
LCS Dup (BH41576-BSD1) LCS Dup								Prepared & Analyzed: 08/23/2024			
n-Propylbenzene	12		ug/L	10.0		120	78-133		3.20	30	
o-Xylene	10		"	10.0		100	78-130		3.55	30	
p- & m- Xylenes	21		"	20.0		105	77-133		4.54	30	
p-Isopropyltoluene	12		"	10.0		121	81-136		4.05	30	
sec-Butylbenzene	12		"	10.0		121	79-137		3.19	30	
Styrene	10		"	10.0		102	67-132		5.75	30	
tert-Butyl alcohol (TBA)	9.7		"	50.0		19.4	25-162	Low Bias	8.67	30	
tert-Butylbenzene	11		"	10.0		110	77-138		4.56	30	
Tetrachloroethylene	9.7		"	10.0		97.1	82-131		2.40	30	
Toluene	10		"	10.0		102	80-127		2.97	30	
trans-1,2-Dichloroethylene	9.8		"	10.0		98.1	80-132		6.31	30	
trans-1,3-Dichloropropylene	7.9		"	10.0		79.0	78-131		6.00	30	
trans-1,4-dichloro-2-butene	11		"	10.0		113	63-141		5.55	30	
Trichloroethylene	10		"	10.0		100	82-128		1.31	30	
Trichlorofluoromethane	8.8		"	10.0		87.9	67-139		0.570	30	
Vinyl Chloride	8.2		"	10.0		81.9	58-145		1.97	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.36*		*"*	*10.0*		*93.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*79-122*				
Batch BH41577 - EPA 5035A											
Blank (BH41577-BLK1) Blank								Prepared & Analyzed: 08/22/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
Blank (BH41577-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*42.6*		*"*	*50.0*		*85.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
LCS (BH41577-BS1) LCS							Prepared & Analyzed: 08/22/2024				
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		97.4	75-129				
1,1,1-Trichloroethane	60		"	50.0		120	71-137				
1,1,2,2-Tetrachloroethane	44		"	50.0		87.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59		"	50.0		118	58-146				
1,1,2-Trichloroethane	47		"	50.0		94.8	83-123				
1,1-Dichloroethane	60		"	50.0		121	75-130				
1,1-Dichloroethylene	56		"	50.0		113	64-137				
1,2,3-Trichlorobenzene	42		"	50.0		84.9	81-140				
1,2,3-Trichloropropane	46		"	50.0		92.2	81-126				
1,2,4-Trichlorobenzene	45		"	50.0		89.1	80-141				
1,2,4-Trimethylbenzene	46		"	50.0		92.4	84-125				
1,2-Dibromo-3-chloropropane	39		"	50.0		77.0	74-142				
1,2-Dibromoethane	47		"	50.0		93.2	86-123				
1,2-Dichlorobenzene	44		"	50.0		88.5	85-122				
1,2-Dichloroethane	59		"	50.0		118	71-133				
1,2-Dichloropropane	47		"	50.0		94.6	81-122				
1,3,5-Trimethylbenzene	45		"	50.0		90.7	82-126				
1,3-Dichlorobenzene	45		"	50.0		89.2	84-124				
1,4-Dichlorobenzene	44		"	50.0		88.9	84-124				
1,4-Dioxane	990		"	1050		94.0	10-228				
2-Butanone	54		"	50.0		109	58-147				
2-Hexanone	45		"	50.0		89.6	70-139				
4-Methyl-2-pentanone	44		"	50.0		88.5	72-132				
Acetone	45		"	50.0		90.0	36-155				
Acrolein	12		"	50.0		24.8	10-238				
Acrylonitrile	75		"	50.0		149	66-141	High Bias			
Benzene	63		"	50.0		126	77-127				
Bromochloromethane	63		"	50.0		126	74-129				
Bromodichloromethane	47		"	50.0		93.6	81-124				
Bromoform	47		"	50.0		94.9	80-136				
Bromomethane	56		"	50.0		111	32-177				
Carbon disulfide	60		"	50.0		119	10-136				
Carbon tetrachloride	61		"	50.0		122	66-143				
Chlorobenzene	49		"	50.0		99.0	86-120				
Chloroethane	59		"	50.0		117	51-142				
Chloroform	61		"	50.0		123	76-131				
Chloromethane	45		"	50.0		90.0	49-132				
cis-1,2-Dichloroethylene	60		"	50.0		119	74-132				
cis-1,3-Dichloropropylene	46		"	50.0		91.3	81-129				
Cyclohexane	60		"	50.0		120	70-130				
Dibromochloromethane	50		"	50.0		100	10-200				
Dibromomethane	47		"	50.0		93.4	83-124				
Dichlorodifluoromethane	37		"	50.0		73.7	28-158				
Ethyl Benzene	50		"	50.0		100	84-125				
Hexachlorobutadiene	43		"	50.0		85.6	83-133				
Isopropylbenzene	45		"	50.0		90.0	81-127				
Methyl acetate	55		"	50.0		110	41-143				
Methyl tert-butyl ether (MTBE)	58		"	50.0		116	74-131				
Methylcyclohexane	45		"	50.0		90.1	70-130				
Methylene chloride	60		"	50.0		119	57-141				
n-Butylbenzene	46		"	50.0		91.7	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
LCS (BH41577-BS1) LCS							Prepared & Analyzed: 08/22/2024				
n-Propylbenzene	44		ug/L	50.0		88.6	74-136				
o-Xylene	48		"	50.0		95.5	83-123				
p- & m- Xylenes	96		"	100		95.6	82-128				
p-Isopropyltoluene	46		"	50.0		92.4	85-125				
sec-Butylbenzene	45		"	50.0		89.8	83-125				
Styrene	52		"	50.0		104	86-126				
tert-Butyl alcohol (TBA)	170		"	250		70.0	70-130				
tert-Butylbenzene	44		"	50.0		87.7	80-127				
Tetrachloroethylene	46		"	50.0		92.3	80-129				
Toluene	47		"	50.0		95.0	85-121				
trans-1,2-Dichloroethylene	62		"	50.0		123	72-132				
trans-1,3-Dichloropropylene	45		"	50.0		89.2	78-132				
trans-1,4-dichloro-2-butene	44		"	50.0		88.8	75-135				
Trichloroethylene	49		"	50.0		97.6	84-123				
Trichlorofluoromethane	56		"	50.0		112	62-140				
Vinyl Chloride	51		"	50.0		102	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*42.8*		*"*	*50.0*		*85.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*96.1*	*76-130*				
LCS Dup (BH41577-BSD1) LCS Dup							Prepared & Analyzed: 08/22/2024				
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	75-129		3.11	30	
1,1,1-Trichloroethane	61		"	50.0		121	71-137		0.497	30	
1,1,2,2-Tetrachloroethane	43		"	50.0		85.8	79-129		1.60	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	63		"	50.0		126	58-146		6.36	30	
1,1,2-Trichloroethane	50		"	50.0		100	83-123		5.58	30	
1,1-Dichloroethane	61		"	50.0		122	75-130		0.693	30	
1,1-Dichloroethylene	57		"	50.0		115	64-137		1.53	30	
1,2,3-Trichlorobenzene	42		"	50.0		83.2	81-140		2.07	30	
1,2,3-Trichloropropane	43		"	50.0		85.0	81-126		8.12	30	
1,2,4-Trichlorobenzene	45		"	50.0		89.6	80-141		0.537	30	
1,2,4-Trimethylbenzene	46		"	50.0		93.0	84-125		0.561	30	
1,2-Dibromo-3-chloropropane	41		"	50.0		81.9	74-142		6.14	30	
1,2-Dibromoethane	51		"	50.0		102	86-123		9.14	30	
1,2-Dichlorobenzene	44		"	50.0		88.2	85-122		0.317	30	
1,2-Dichloroethane	62		"	50.0		124	71-133		4.54	30	
1,2-Dichloropropane	47		"	50.0		94.0	81-122		0.636	30	
1,3,5-Trimethylbenzene	46		"	50.0		91.0	82-126		0.374	30	
1,3-Dichlorobenzene	46		"	50.0		91.3	84-124		2.26	30	
1,4-Dichlorobenzene	46		"	50.0		91.3	84-124		2.66	30	
1,4-Dioxane	970		"	1050		92.8	10-228		1.22	30	
2-Butanone	57		"	50.0		114	58-147		4.72	30	
2-Hexanone	47		"	50.0		94.2	70-139		4.96	30	
4-Methyl-2-pentanone	48		"	50.0		96.6	72-132		8.73	30	
Acetone	48		"	50.0		95.1	36-155		5.47	30	
Acrolein	15		"	50.0		30.9	10-238		21.9	30	
Acrylonitrile	70		"	50.0		140	66-141		6.51	30	
Benzene	63		"	50.0		126	77-127		0.540	30	
Bromochloromethane	61		"	50.0		121	74-129		4.20	30	
Bromodichloromethane	49		"	50.0		98.7	81-124		5.39	30	
Bromoform	50		"	50.0		100	80-136		5.38	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
LCS Dup (BH41577-BSD1) LCS Dup							Prepared & Analyzed: 08/22/2024				
Bromomethane	55		ug/L	50.0		110	32-177		1.30	30	
Carbon disulfide	62		"	50.0		123	10-136		3.13	30	
Carbon tetrachloride	63		"	50.0		126	66-143		2.94	30	
Chlorobenzene	50		"	50.0		100	86-120		1.30	30	
Chloroethane	54		"	50.0		109	51-142		7.48	30	
Chloroform	62		"	50.0		124	76-131		0.682	30	
Chloromethane	45		"	50.0		90.9	49-132		0.995	30	
cis-1,2-Dichloroethylene	57		"	50.0		114	74-132		4.92	30	
cis-1,3-Dichloropropylene	48		"	50.0		96.1	81-129		5.17	30	
Cyclohexane	61		"	50.0		122	70-130		1.35	30	
Dibromochloromethane	51		"	50.0		102	10-200		1.72	30	
Dibromomethane	49		"	50.0		98.8	83-124		5.66	30	
Dichlorodifluoromethane	35		"	50.0		70.5	28-158		4.35	30	
Ethyl Benzene	52		"	50.0		103	84-125		3.02	30	
Hexachlorobutadiene	44		"	50.0		87.7	83-133		2.42	30	
Isopropylbenzene	45		"	50.0		89.9	81-127		0.0890	30	
Methyl acetate	53		"	50.0		106	41-143		3.26	30	
Methyl tert-butyl ether (MTBE)	60		"	50.0		119	74-131		2.79	30	
Methylcyclohexane	48		"	50.0		95.6	70-130		5.86	30	
Methylene chloride	61		"	50.0		122	57-141		2.54	30	
n-Butylbenzene	47		"	50.0		93.4	80-130		1.88	30	
n-Propylbenzene	46		"	50.0		91.4	74-136		3.18	30	
o-Xylene	50		"	50.0		100	83-123		4.58	30	
p- & m- Xylenes	100		"	100		99.7	82-128		4.20	30	
p-Isopropyltoluene	46		"	50.0		92.7	85-125		0.259	30	
sec-Butylbenzene	44		"	50.0		88.8	83-125		1.05	30	
Styrene	55		"	50.0		109	86-126		5.16	30	
tert-Butyl alcohol (TBA)	190		"	250		74.7	70-130		6.55	30	
tert-Butylbenzene	44		"	50.0		88.7	80-127		1.11	30	
Tetrachloroethylene	47		"	50.0		94.5	80-129		2.40	30	
Toluene	49		"	50.0		98.6	85-121		3.76	30	
trans-1,2-Dichloroethylene	60		"	50.0		120	72-132		2.91	30	
trans-1,3-Dichloropropylene	48		"	50.0		95.9	78-132		7.24	30	
trans-1,4-dichloro-2-butene	44		"	50.0		88.0	75-135		0.882	30	
Trichloroethylene	51		"	50.0		102	84-123		4.70	30	
Trichlorofluoromethane	57		"	50.0		115	62-140		2.13	30	
Vinyl Chloride	50		"	50.0		99.7	52-130		1.87	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*"*	*50.0*		*98.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*43.8*		*"*	*50.0*		*87.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.2*		*"*	*50.0*		*94.5*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BH41690 - EPA 5035A

Blank (BH41690-BLK1) Blank — Prepared & Analyzed: 08/23/2024

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
Blank (BH41690-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.1*		*ug/L*	*50.0*		*98.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.8*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*76-130*				
LCS (BH41690-BS1) LCS								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	45		ug/L	50.0		89.6	75-129				
1,1,1-Trichloroethane	43		"	50.0		85.8	71-137				
1,1,2,2-Tetrachloroethane	42		"	50.0		83.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		"	50.0		86.6	58-146				
1,1,2-Trichloroethane	44		"	50.0		88.6	83-123				
1,1-Dichloroethane	43		"	50.0		85.7	75-130				
1,1-Dichloroethylene	40		"	50.0		79.8	64-137				
1,2,3-Trichlorobenzene	43		"	50.0		85.3	81-140				
1,2,3-Trichloropropane	42		"	50.0		85.0	81-126				
1,2,4-Trichlorobenzene	44		"	50.0		87.7	80-141				
1,2,4-Trimethylbenzene	45		"	50.0		90.6	84-125				
1,2-Dibromo-3-chloropropane	37		"	50.0		75.0	74-142				
1,2-Dibromoethane	43		"	50.0		86.4	86-123				
1,2-Dichlorobenzene	44		"	50.0		88.0	85-122				
1,2-Dichloroethane	42		"	50.0		84.1	71-133				
1,2-Dichloropropane	41		"	50.0		82.6	81-122				
1,3,5-Trimethylbenzene	44		"	50.0		88.5	82-126				
1,3-Dichlorobenzene	45		"	50.0		89.2	84-124				
1,4-Dichlorobenzene	45		"	50.0		89.6	84-124				
1,4-Dioxane	840		"	1050		80.4	10-228				
2-Butanone	41		"	50.0		82.6	58-147				
2-Hexanone	38		"	50.0		76.8	70-139				
4-Methyl-2-pentanone	40		"	50.0		79.5	72-132				
Acetone	35		"	50.0		70.5	36-155				
Acrolein	5.3		"	50.0		10.7	10-238				
Acrylonitrile	50		"	50.0		99.2	66-141				
Benzene	44		"	50.0		88.1	77-127				
Bromochloromethane	44		"	50.0		88.2	74-129				
Bromodichloromethane	43		"	50.0		86.5	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
LCS (BH41690-BS1) LCS							Prepared & Analyzed: 08/23/2024				
Bromoform	42		ug/L	50.0		84.4	80-136				
Bromomethane	38		"	50.0		75.7	32-177				
Carbon disulfide	42		"	50.0		84.6	10-136				
Carbon tetrachloride	45		"	50.0		89.2	66-143				
Chlorobenzene	44		"	50.0		87.2	86-120				
Chloroethane	37		"	50.0		74.6	51-142				
Chloroform	44		"	50.0		88.1	76-131				
Chloromethane	29		"	50.0		58.0	49-132				
cis-1,2-Dichloroethylene	40		"	50.0		79.9	74-132				
cis-1,3-Dichloropropylene	42		"	50.0		84.7	81-129				
Cyclohexane	42		"	50.0		83.2	70-130				
Dibromochloromethane	44		"	50.0		88.0	10-200				
Dibromomethane	44		"	50.0		87.1	83-124				
Dichlorodifluoromethane	20		"	50.0		40.4	28-158				
Ethyl Benzene	45		"	50.0		90.4	84-125				
Hexachlorobutadiene	42		"	50.0		84.7	83-133				
Isopropylbenzene	45		"	50.0		90.2	81-127				
Methyl acetate	39		"	50.0		77.1	41-143				
Methyl tert-butyl ether (MTBE)	41		"	50.0		81.1	74-131				
Methylcyclohexane	40		"	50.0		79.1	70-130				
Methylene chloride	43		"	50.0		85.1	57-141				
n-Butylbenzene	47		"	50.0		93.3	80-130				
n-Propylbenzene	44		"	50.0		89.0	74-136				
o-Xylene	43		"	50.0		86.5	83-123				
p- & m- Xylenes	86		"	100		85.7	82-128				
p-Isopropyltoluene	47		"	50.0		93.2	85-125				
sec-Butylbenzene	44		"	50.0		88.1	83-125				
Styrene	47		"	50.0		93.3	86-126				
tert-Butyl alcohol (TBA)	120		"	250		46.6	70-130	Low Bias			
tert-Butylbenzene	44		"	50.0		88.8	80-127				
Tetrachloroethylene	43		"	50.0		85.5	80-129				
Toluene	43		"	50.0		86.6	85-121				
trans-1,2-Dichloroethylene	42		"	50.0		83.8	72-132				
trans-1,3-Dichloropropylene	42		"	50.0		84.3	78-132				
trans-1,4-dichloro-2-butene	43		"	50.0		85.2	75-135				
Trichloroethylene	46		"	50.0		92.0	84-123				
Trichlorofluoromethane	38		"	50.0		76.1	62-140				
Vinyl Chloride	33		"	50.0		66.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.3*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
LCS Dup (BH41690-BSD1) LCS Dup							Prepared & Analyzed: 08/23/2024				
1,1,1,2-Tetrachloroethane	45		ug/L	50.0		90.6	75-129		1.07	30	
1,1,1-Trichloroethane	40		"	50.0		80.3	71-137		6.60	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		98.0	79-129		16.4	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41		"	50.0		82.3	58-146		5.02	30	
1,1,2-Trichloroethane	46		"	50.0		91.2	83-123		2.94	30	
1,1-Dichloroethane	39		"	50.0		78.7	75-130		8.49	30	
1,1-Dichloroethylene	37		"	50.0		74.6	64-137		6.71	30	
1,2,3-Trichlorobenzene	48		"	50.0		96.8	81-140		12.6	30	
1,2,3-Trichloropropane	50		"	50.0		100	81-126		16.3	30	
1,2,4-Trichlorobenzene	49		"	50.0		98.1	80-141		11.2	30	
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125		11.9	30	
1,2-Dibromo-3-chloropropane	47		"	50.0		94.2	74-142		22.7	30	
1,2-Dibromoethane	45		"	50.0		89.5	86-123		3.53	30	
1,2-Dichlorobenzene	48		"	50.0		96.2	85-122		8.95	30	
1,2-Dichloroethane	42		"	50.0		83.1	71-133		1.17	30	
1,2-Dichloropropane	45		"	50.0		89.6	81-122		8.17	30	
1,3,5-Trimethylbenzene	50		"	50.0		99.9	82-126		12.1	30	
1,3-Dichlorobenzene	49		"	50.0		98.6	84-124		9.99	30	
1,4-Dichlorobenzene	50		"	50.0		101	84-124		11.9	30	
1,4-Dioxane	1000		"	1050		98.9	10-228		20.6	30	
2-Butanone	47		"	50.0		94.0	58-147		13.0	30	
2-Hexanone	44		"	50.0		88.4	70-139		14.0	30	
4-Methyl-2-pentanone	46		"	50.0		91.8	72-132		14.3	30	
Acetone	37		"	50.0		74.0	36-155		4.90	30	
Acrolein	7.4		"	50.0		14.8	10-238		32.6	30	Non-dir.
Acrylonitrile	52		"	50.0		105	66-141		5.53	30	
Benzene	42		"	50.0		84.4	77-127		4.27	30	
Bromochloromethane	44		"	50.0		88.4	74-129		0.204	30	
Bromodichloromethane	46		"	50.0		91.5	81-124		5.62	30	
Bromoform	46		"	50.0		91.2	80-136		7.72	30	
Bromomethane	38		"	50.0		75.6	32-177		0.212	30	
Carbon disulfide	40		"	50.0		79.2	10-136		6.52	30	
Carbon tetrachloride	43		"	50.0		85.7	66-143		4.03	30	
Chlorobenzene	45		"	50.0		90.0	86-120		3.18	30	
Chloroethane	37		"	50.0		74.2	51-142		0.565	30	
Chloroform	42		"	50.0		83.9	76-131		4.86	30	
Chloromethane	26		"	50.0		52.7	49-132		9.50	30	
cis-1,2-Dichloroethylene	44		"	50.0		88.9	74-132		10.7	30	
cis-1,3-Dichloropropylene	43		"	50.0		85.6	81-129		0.963	30	
Cyclohexane	38		"	50.0		76.7	70-130		8.11	30	
Dibromochloromethane	47		"	50.0		93.8	10-200		6.42	30	
Dibromomethane	45		"	50.0		90.3	83-124		3.63	30	
Dichlorodifluoromethane	18		"	50.0		36.9	28-158		8.96	30	
Ethyl Benzene	48		"	50.0		96.4	84-125		6.43	30	
Hexachlorobutadiene	47		"	50.0		93.3	83-133		9.64	30	
Isopropylbenzene	50		"	50.0		99.9	81-127		10.2	30	
Methyl acetate	37		"	50.0		75.0	41-143		2.76	30	
Methyl tert-butyl ether (MTBE)	38		"	50.0		76.7	74-131		5.65	30	
Methylcyclohexane	41		"	50.0		82.1	70-130		3.77	30	
Methylene chloride	39		"	50.0		78.5	57-141		8.12	30	
n-Butylbenzene	51		"	50.0		102	80-130		9.15	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
LCS Dup (BH41690-BSD1) LCS Dup									Prepared & Analyzed: 08/23/2024		
n-Propylbenzene	49		ug/L	50.0		97.4	74-136		9.03	30	
o-Xylene	46		"	50.0		91.3	83-123		5.31	30	
p- & m- Xylenes	90		"	100		90.2	82-128		5.16	30	
p-Isopropyltoluene	51		"	50.0		102	85-125		8.48	30	
sec-Butylbenzene	49		"	50.0		98.6	83-125		11.2	30	
Styrene	50		"	50.0		99.2	86-126		6.09	30	
tert-Butyl alcohol (TBA)	120		"	250		48.5	70-130	Low Bias	4.00	30	
tert-Butylbenzene	49		"	50.0		98.0	80-127		9.92	30	
Tetrachloroethylene	42		"	50.0		83.8	80-129		2.08	30	
Toluene	45		"	50.0		90.6	85-121		4.51	30	
trans-1,2-Dichloroethylene	38		"	50.0		75.8	72-132		10.1	30	
trans-1,3-Dichloropropylene	44		"	50.0		87.6	78-132		3.82	30	
trans-1,4-dichloro-2-butene	47		"	50.0		94.9	75-135		10.8	30	
Trichloroethylene	46		"	50.0		91.9	84-123		0.152	30	
Trichlorofluoromethane	36		"	50.0		71.6	62-140		6.07	30	
Vinyl Chloride	31		"	50.0		61.1	52-130		8.62	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.7*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.8*		*"*	*50.0*		*95.6*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41462 - EPA 3550C											
Blank (BH41462-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41462 - EPA 3550C											
Blank (BH41462-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.58*		"	*1.66*		*95.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.48*		"	*1.66*		*88.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.769*		"	*0.831*		*92.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.861*		"	*0.831*		*104*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.01*		"	*1.66*		*121*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.850*		"	*0.831*		*102*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41462 - EPA 3550C											
LCS (BH41462-BS1) LCS							Prepared & Analyzed: 08/22/2024				
1,1-Biphenyl	0.938	0.0416	mg/kg wet	0.831		113	18-111	High Bias			
1,2,4,5-Tetrachlorobenzene	0.930	0.0830	"	0.831		112	21-131				
1,2,4-Trichlorobenzene	0.950	0.0416	"	0.831		114	10-140				
1,2-Dichlorobenzene	0.856	0.0416	"	0.831		103	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.800	0.0416	"	0.831		96.3	17-137				
1,3-Dichlorobenzene	0.862	0.0416	"	0.831		104	33-110				
1,4-Dichlorobenzene	0.862	0.0416	"	0.831		104	32-104				
2,3,4,6-Tetrachlorophenol	1.09	0.0830	"	0.831		132	30-130	High Bias			
2,4,5-Trichlorophenol	1.04	0.0416	"	0.831		126	27-118	High Bias			
2,4,6-Trichlorophenol	1.07	0.0416	"	0.831		128	31-120	High Bias			
2,4-Dichlorophenol	1.00	0.0416	"	0.831		121	20-127				
2,4-Dimethylphenol	0.836	0.0416	"	0.831		101	14-132				
2,4-Dinitrophenol	0.678	0.0830	"	0.831		81.7	10-171				
2,4-Dinitrotoluene	1.09	0.0416	"	0.831		132	34-131	High Bias			
2,6-Dinitrotoluene	1.10	0.0416	"	0.831		133	31-128	High Bias			
2-Chloronaphthalene	0.915	0.0416	"	0.831		110	31-117				
2-Chlorophenol	0.899	0.0416	"	0.831		108	33-113				
2-Methylnaphthalene	0.949	0.0416	"	0.831		114	12-138				
2-Methylphenol	0.905	0.0416	"	0.831		109	10-136				
2-Nitroaniline	1.01	0.0830	"	0.831		122	27-132				
2-Nitrophenol	0.966	0.0416	"	0.831		116	17-129				
3- & 4-Methylphenols	0.800	0.0416	"	0.831		96.3	29-103				
3,3-Dichlorobenzidine	1.19	0.0416	"	0.831		144	22-149				
3-Nitroaniline	1.14	0.0830	"	0.831		138	20-133	High Bias			
4,6-Dinitro-2-methylphenol	0.766	0.0830	"	0.831		92.2	10-143				
4-Bromophenyl phenyl ether	1.02	0.0416	"	0.831		123	29-120	High Bias			
4-Chloro-3-methylphenol	1.00	0.0416	"	0.831		121	24-129				
4-Chloroaniline	0.850	0.0416	"	0.831		102	10-132				
4-Chlorophenyl phenyl ether	1.06	0.0416	"	0.831		128	27-124	High Bias			
4-Nitroaniline	0.992	0.0830	"	0.831		119	16-128				
4-Nitrophenol	0.928	0.0830	"	0.831		112	10-141				
Acenaphthene	0.846	0.0416	"	0.831		102	30-121				
Acenaphthylene	0.910	0.0416	"	0.831		110	30-115				
Acetophenone	0.910	0.0416	"	0.831		110	20-112				
Aniline	0.673	0.166	"	0.831		81.0	10-119				
Anthracene	0.973	0.0416	"	0.831		117	34-118				
Atrazine	1.05	0.0416	"	0.831		126	26-112	High Bias			
Benzaldehyde	0.693	0.0416	"	0.831		83.5	21-100				
Benzo(a)anthracene	0.951	0.0416	"	0.831		115	32-122				
Benzo(a)pyrene	0.972	0.0416	"	0.831		117	29-133				
Benzo(b)fluoranthene	0.962	0.0416	"	0.831		116	25-133				
Benzo(g,h,i)perylene	1.01	0.0416	"	0.831		121	10-143				
Benzo(k)fluoranthene	0.906	0.0416	"	0.831		109	25-128				
Benzoic acid	0.895	0.0416	"	0.831		108	10-140				
Benzyl alcohol	0.876	0.0416	"	0.831		105	30-115				
Benzyl butyl phthalate	0.965	0.0416	"	0.831		116	26-126				
Bis(2-chloroethoxy)methane	0.860	0.0416	"	0.831		104	19-132				
Bis(2-chloroethyl)ether	0.811	0.0416	"	0.831		97.6	19-125				
Bis(2-chloroisopropyl)ether	0.698	0.0416	"	0.831		84.0	20-135				
Bis(2-ethylhexyl)phthalate	0.990	0.0416	"	0.831		119	10-155				
Caprolactam	1.15	0.0830	"	0.831		139	10-127	High Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41462 - EPA 3550C											
LCS (BH41462-BS1) LCS							Prepared & Analyzed: 08/22/2024				
Carbazole	0.957	0.0416	mg/kg wet	0.831		115	35-123				
Chrysene	0.899	0.0416	"	0.831		108	32-123				
Dibenzo(a,h)anthracene	1.09	0.0416	"	0.831		131	10-136				
Dibenzofuran	0.973	0.0416	"	0.831		117	29-121				
Diethyl phthalate	0.985	0.0416	"	0.831		119	34-116	High Bias			
Dimethyl phthalate	0.982	0.0416	"	0.831		118	35-124				
Di-n-butyl phthalate	1.03	0.0416	"	0.831		124	31-116	High Bias			
Di-n-octyl phthalate	1.12	0.0416	"	0.831		135	26-136				
Diphenylamine	1.11	0.0830	"	0.831		134	40-140				
Fluoranthene	1.03	0.0416	"	0.831		125	33-122	High Bias			
Fluorene	0.979	0.0416	"	0.831		118	29-123				
Hexachlorobenzene	0.936	0.0416	"	0.831		113	21-124				
Hexachlorobutadiene	0.983	0.0416	"	0.831		118	10-149				
Hexachlorocyclopentadiene	0.514	0.0416	"	0.831		61.9	10-129				
Hexachloroethane	0.824	0.0416	"	0.831		99.2	28-108				
Indeno(1,2,3-cd)pyrene	1.21	0.0416	"	0.831		146	10-135	High Bias			
Isophorone	0.846	0.0416	"	0.831		102	20-132				
Naphthalene	0.904	0.0416	"	0.831		109	23-124				
Nitrobenzene	0.854	0.0416	"	0.831		103	13-132				
N-Nitrosodimethylamine	0.871	0.0416	"	0.831		105	11-129				
N-nitroso-di-n-propylamine	0.818	0.0416	"	0.831		98.4	24-119				
N-Nitrosodiphenylamine	1.08	0.0416	"	0.831		130	22-152				
Pentachlorophenol	1.08	0.0416	"	0.831		130	10-139				
Phenanthrene	0.983	0.0416	"	0.831		118	33-123				
Phenol	0.871	0.0416	"	0.831		105	23-115				
Pyrene	0.893	0.0416	"	0.831		107	32-130				
Surrogate: SURR: 2-Fluorophenol	*1.75*		*"*	*1.66*		*105*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.63*		*"*	*1.66*		*98.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.848*		*"*	*0.831*		*102*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.927*		*"*	*0.831*		*112*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.24*		*"*	*1.66*		*135*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.928*		*"*	*0.831*		*112*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41757 - EPA 3550C											
Blank (BH41757-BLK1) Blank									Prepared & Analyzed: 08/27/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*292*		*"*	*495*		*59.0*	*39-127.5*				
LCS (BH41757-BS1) LCS									Prepared & Analyzed: 08/27/2024		
1,4-Dioxane	486	19.8	ug/kg	495		98.2	40-130				
Surrogate: 1,4-Dioxane-d8	*321*		*"*	*495*		*64.8*	*39-127.5*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
Blank (BH41437-BLK1) Blank									Prepared: 08/21/2024 Analyzed: 08/23/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.750	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.757	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.789	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.351	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.740	"								
HFPO-DA (Gen-X)	ND	0.789	"								
11CL-PF3OUdS	0.493	0.746	"								
9CL-PF3ONS	ND	0.738	"								
ADONA	ND	0.746	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.986	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.93	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.93	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.73*		"	*2.30*		*119*	*25-150*				
Surrogate: M5PFHxA	*2.62*		"	*2.47*		*106*	*25-150*				
Surrogate: M4PFHpA	*3.07*		"	*2.47*		*125*	*25-150*				
Surrogate: M3PFHxS	*2.17*		"	*2.34*		*92.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.50*		"	*2.47*		*101*	*25-150*				
Surrogate: M6PFDA	*1.23*		"	*1.23*		*99.6*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.23*		*95.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.02*		"	*1.23*		*83.0*	*25-150*				
Surrogate: M2PFTeDA	*0.725*		"	*1.23*		*58.8*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
Blank (BH41437-BLK1) Blank								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.78*		*ug/kg wet*	*9.86*		*99.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.32*		*"*	*2.36*		*98.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.23*		*"*	*4.93*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.67*		*"*	*2.47*		*108*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.83*		*"*	*4.93*		*77.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.05*		*"*	*4.93*		*82.2*	*25-150*				
Surrogate: M2-6:2 FTS	*5.61*		*"*	*4.69*		*120*	*25-200*				
Surrogate: M2-8:2 FTS	*5.87*		*"*	*4.73*		*124*	*25-200*				
Surrogate: M9PFNA	*1.15*		*"*	*1.23*		*92.9*	*25-150*				
Surrogate: M2-4:2 FTS	*6.97*		*"*	*4.63*		*151*	*25-150*				
Surrogate: d-N-MeFOSA	*3.48*		*"*	*2.47*		*141*	*25-150*				
Surrogate: d-N-EtFOSA	*2.55*		*"*	*2.47*		*103*	*25-150*				
Surrogate: M3HFPO-DA	*14.3*		*"*	*9.86*		*145*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.4*		*"*	*24.7*		*74.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.1*		*"*	*24.7*		*81.5*	*25-150*				
LCS (BH41437-BS1) LCS								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Perfluorobutanesulfonic acid (PFBS)	3.20	0.175	ug/kg wet	3.50		91.4	50-150				
Perfluorohexanoic acid (PFHxA)	3.81	0.198	"	3.95		96.5	50-150				
Perfluoroheptanoic acid (PFHpA)	3.47	0.198	"	3.95		87.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.55	0.181	"	3.62		98.1	50-150				
Perfluorooctanoic acid (PFOA)	4.00	0.198	"	3.95		101	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.32	0.184	"	3.68		90.3	50-150				
Perfluorononanoic acid (PFNA)	3.90	0.198	"	3.95		98.5	50-150				
Perfluorodecanoic acid (PFDA)	4.31	0.198	"	3.95		109	50-150				
Perfluoroundecanoic acid (PFUnA)	4.29	0.198	"	3.95		109	50-150				
Perfluorododecanoic acid (PFDoA)	3.76	0.198	"	3.95		95.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.74	0.198	"	3.95		120	50-150				
Perfluorotetradecanoic acid (PFTA)	4.11	0.198	"	3.95		104	50-150				
N-MeFOSAA	3.51	0.198	"	3.95		88.9	50-150				
N-EtFOSAA	3.84	0.198	"	3.95		97.1	50-150				
Perfluoropentanoic acid (PFPeA)	7.87	0.395	"	7.91		99.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.68	0.198	"	3.95		93.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.14	0.198	"	3.77		83.3	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.92	0.191	"	3.81		76.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.0	0.751	"	15.0		107	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	13.0	0.759	"	15.2		85.4	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.9	0.791	"	15.8		101	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.03	0.352	"	7.04		114	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.31	0.395	"	7.91		105	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.85	0.395	"	7.91		99.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.17	0.395	"	7.91		103	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.80	0.186	"	3.72		102	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.3	0.741	"	14.8		96.2	50-150				
HFPO-DA (Gen-X)	6.25	0.791	"	7.91		79.0	50-150				
11CL-PF3OUdS	3.49	0.747	"	7.47		46.7	50-150	Low Bias			
9CL-PF3ONS	4.37	0.739	"	7.39		59.1	50-150				
ADONA	4.78	0.747	"	7.47		64.0	50-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
LCS (BH41437-BS1) LCS								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.79	0.192	ug/kg wet	3.83		46.8	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	3.56	0.190	"	3.79		93.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	25.9	0.988	"	15.8		164	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	103	4.94	"	79.1		130	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	87.8	4.94	"	79.1		111	50-150				
N-MeFOSE	39.8	1.98	"	39.5		101	50-150				
N-MeFOSA	3.43	0.198	"	3.95		86.7	50-150				
N-EtFOSE	38.0	1.98	"	39.5		96.2	50-150				
N-EtFOSA	4.70	0.198	"	3.95		119	50-150				
Surrogate: M3PFBS	*2.84*		"	*2.30*		*123*	*25-150*				
Surrogate: M5PFHxA	*2.33*		"	*2.47*		*94.3*	*25-150*				
Surrogate: M4PFHpA	*2.71*		"	*2.47*		*110*	*25-150*				
Surrogate: M3PFHxS	*2.61*		"	*2.34*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.37*		"	*2.47*		*96.0*	*25-150*				
Surrogate: M6PFDA	*1.12*		"	*1.24*		*90.3*	*25-150*				
Surrogate: M7PFUdA	*1.05*		"	*1.24*		*84.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.874*		"	*1.24*		*70.7*	*25-150*				
Surrogate: M2PFTeDA	*0.700*		"	*1.24*		*56.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.47*		"	*9.88*		*95.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.23*		"	*2.37*		*94.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.60*		"	*4.94*		*93.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.37*		"	*2.47*		*95.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.50*		"	*4.94*		*70.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.63*		"	*4.94*		*73.4*	*25-150*				
Surrogate: M2-6:2 FTS	*7.37*		"	*4.70*		*157*	*25-200*				
Surrogate: M2-8:2 FTS	*7.24*		"	*4.74*		*153*	*25-200*				
Surrogate: M9PFNA	*1.21*		"	*1.24*		*97.6*	*25-150*				
Surrogate: M2-4:2 FTS	*8.74*		"	*4.63*		*189*	*25-150*				
Surrogate: d-N-MeFOSA	*2.93*		"	*2.47*		*119*	*25-150*				
Surrogate: d-N-EtFOSA	*2.44*		"	*2.47*		*98.8*	*25-150*				
Surrogate: M3HFPO-DA	*13.1*		"	*9.88*		*132*	*25-150*				
Surrogate: d9-N-EtFOSE	*17.3*		"	*24.7*		*70.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.1*		"	*24.7*		*77.4*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
LCS (BH41437-BS2) LCS								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Perfluorobutanesulfonic acid (PFBS)	0.618	0.177	ug/kg wet	0.708		87.3	50-150				
Perfluorohexanoic acid (PFHxA)	0.680	0.200	"	0.800		85.0	50-150				
Perfluoroheptanoic acid (PFHpA)	0.642	0.200	"	0.800		80.3	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.703	0.183	"	0.732		96.0	50-150				
Perfluorooctanoic acid (PFOA)	0.735	0.200	"	0.800		91.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.616	0.186	"	0.744		82.8	50-150				
Perfluorononanoic acid (PFNA)	0.751	0.200	"	0.800		93.8	50-150				
Perfluorodecanoic acid (PFDA)	0.853	0.200	"	0.800		107	50-150				
Perfluoroundecanoic acid (PFUnA)	0.832	0.200	"	0.800		104	50-150				
Perfluorododecanoic acid (PFDoA)	0.684	0.200	"	0.800		85.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.793	0.200	"	0.800		99.1	50-150				
Perfluorotetradecanoic acid (PFTA)	0.757	0.200	"	0.800		94.6	50-150				
N-MeFOSAA	0.711	0.200	"	0.800		88.8	50-150				
N-EtFOSAA	0.582	0.200	"	0.800		72.7	50-150				
Perfluoropentanoic acid (PFPeA)	1.42	0.400	"	1.60		88.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.749	0.200	"	0.800		93.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.626	0.200	"	0.764		82.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.575	0.193	"	0.772		74.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.84	0.760	"	3.04		93.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.12	0.768	"	3.07		102	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.93	0.800	"	3.20		91.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.46	0.356	"	1.42		103	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.65	0.400	"	1.60		103	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.42	0.400	"	1.60		88.8	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.51	0.400	"	1.60		94.3	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.768	0.188	"	0.752		102	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.43	0.750	"	3.00		80.9	50-150				
HFPO-DA (Gen-X)	1.54	0.800	"	1.60		96.4	50-150				
11CL-PF3OUdS	1.06	0.756	"	1.51		70.4	50-150				
9CL-PF3ONS	0.789	0.748	"	1.50		52.7	50-150				
ADONA	1.32	0.756	"	1.51		87.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.368	0.194	"	0.776		47.5	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.739	0.192	"	0.768		96.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	4.72	1.00	"	3.20		147	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	18.9	5.00	"	16.0		118	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	16.1	5.00	"	16.0		101	50-150				
N-MeFOSE	7.42	2.00	"	8.00		92.8	50-150				
N-MeFOSA	0.757	0.200	"	0.800		94.6	50-150				
N-EtFOSE	7.37	2.00	"	8.00		92.1	50-150				
N-EtFOSA	0.683	0.200	"	0.800		85.4	50-150				
Surrogate: M3PFBS	*3.48*		"	*2.33*		*149*	*25-150*				
Surrogate: M5PFHxA	*3.02*		"	*2.50*		*121*	*25-150*				
Surrogate: M4PFHpA	*3.41*		"	*2.50*		*137*	*25-150*				
Surrogate: M3PFHxS	*2.94*		"	*2.37*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.86*		"	*2.50*		*114*	*25-150*				
Surrogate: M6PFDA	*1.24*		"	*1.25*		*99.1*	*25-150*				
Surrogate: M7PFUdA	*1.23*		"	*1.25*		*98.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.997*		"	*1.25*		*79.8*	*25-150*				
Surrogate: M2PFTeDA	*0.859*		"	*1.25*		*68.7*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
LCS (BH41437-BS2) LCS									Prepared: 08/21/2024 Analyzed: 08/23/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		*ug/kg wet*	*10.0*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.60*		*"*	*2.40*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.87*		*"*	*5.00*		*117*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.01*		*"*	*2.50*		*120*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.70*		*"*	*5.00*		*94.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.19*		*"*	*5.00*		*104*	*25-150*				
Surrogate: M2-6:2 FTS	*8.52*		*"*	*4.76*		*179*	*25-200*				
Surrogate: M2-8:2 FTS	*7.32*		*"*	*4.80*		*153*	*25-200*				
Surrogate: M9PFNA	*1.40*		*"*	*1.25*		*112*	*25-150*				
Surrogate: M2-4:2 FTS	*9.08*		*"*	*4.69*		*194*	*25-150*				
Surrogate: d-N-MeFOSA	*3.65*		*"*	*2.50*		*146*	*25-150*				
Surrogate: d-N-EtFOSA	*2.93*		*"*	*2.50*		*117*	*25-150*				
Surrogate: M3HFPO-DA	*16.8*		*"*	*10.0*		*168*	*25-150*				
Surrogate: d9-N-EtFOSE	*23.7*		*"*	*25.0*		*95.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*25.5*		*"*	*25.0*		*102*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41459 - EPA 3550C											
Blank (BH41459-BLK1) Blank								Prepared & Analyzed: 08/22/2024			
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0493*		*"*	*0.0664*		*74.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0680*		*"*	*0.0664*		*102*	*30-150*				
LCS (BH41459-BS1) LCS								Prepared & Analyzed: 08/22/2024			
4,4'-DDD	0.0289	0.00164	mg/kg wet	0.0332		86.9	40-140				
4,4'-DDE	0.0261	0.00164	"	0.0332		78.7	40-140				
4,4'-DDT	0.0272	0.00164	"	0.0332		81.9	40-140				
Aldrin	0.0276	0.00164	"	0.0332		83.0	40-140				
alpha-BHC	0.0321	0.00164	"	0.0332		96.6	40-140				
alpha-Chlordane	0.0260	0.00164	"	0.0332		78.2	40-140				
beta-BHC	0.0303	0.00164	"	0.0332		91.2	40-140				
delta-BHC	0.0290	0.00164	"	0.0332		87.3	40-140				
Dieldrin	0.0271	0.00164	"	0.0332		81.6	40-140				
Endosulfan I	0.0273	0.00164	"	0.0332		82.3	40-140				
Endosulfan II	0.0291	0.00164	"	0.0332		87.5	40-140				
Endosulfan sulfate	0.0249	0.00164	"	0.0332		74.9	40-140				
Endrin [2C]	0.0271	0.00164	"	0.0332		81.5	40-140				
Endrin aldehyde	0.0278	0.00164	"	0.0332		83.8	40-140				
Endrin ketone	0.0250	0.00164	"	0.0332		75.1	40-140				
gamma-BHC (Lindane)	0.0277	0.00164	"	0.0332		83.5	40-140				
gamma-Chlordane	0.0265	0.00164	"	0.0332		79.9	40-140				
Heptachlor	0.0274	0.00164	"	0.0332		82.4	40-140				
Heptachlor epoxide	0.0279	0.00164	"	0.0332		83.8	40-140				
Methoxychlor	0.0251	0.00164	"	0.0332		75.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0439*		*"*	*0.0664*		*66.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0654*		*"*	*0.0664*		*98.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41861 - EPA 3550C											
Blank (BH41861-BLK1) Blank									Prepared & Analyzed: 08/28/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0440*		*"*	*0.0664*		*66.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0513*		*"*	*0.0664*		*77.2*	*30-150*				
LCS (BH41861-BS1) LCS									Prepared & Analyzed: 08/28/2024		
4,4'-DDD	0.0192	0.00164	mg/kg wet	0.0332		57.8	40-140				
4,4'-DDE	0.0193	0.00164	"	0.0332		58.1	40-140				
4,4'-DDT	0.0197	0.00164	"	0.0332		59.3	40-140				
Aldrin	0.0206	0.00164	"	0.0332		61.9	40-140				
alpha-BHC	0.0216	0.00164	"	0.0332		64.9	40-140				
alpha-Chlordane	0.0220	0.00164	"	0.0332		66.1	40-140				
beta-BHC	0.0234	0.00164	"	0.0332		70.5	40-140				
delta-BHC	0.0206	0.00164	"	0.0332		62.0	40-140				
Dieldrin	0.0214	0.00164	"	0.0332		64.4	40-140				
Endosulfan I	0.0248	0.00164	"	0.0332		74.6	40-140				
Endosulfan II	0.0237	0.00164	"	0.0332		71.4	40-140				
Endosulfan sulfate	0.0220	0.00164	"	0.0332		66.2	40-140				
Endrin	0.0223	0.00164	"	0.0332		67.1	40-140				
Endrin aldehyde	0.0229	0.00164	"	0.0332		68.9	40-140				
Endrin ketone	0.0223	0.00164	"	0.0332		67.2	40-140				
gamma-BHC (Lindane)	0.0217	0.00164	"	0.0332		65.4	40-140				
gamma-Chlordane	0.0220	0.00164	"	0.0332		66.3	40-140				
Heptachlor	0.0236	0.00164	"	0.0332		71.1	40-140				
Heptachlor epoxide	0.0228	0.00164	"	0.0332		68.5	40-140				
Methoxychlor	0.0198	0.00164	"	0.0332		59.6	40-140				
Surrogate: Decachlorobiphenyl	*0.0384*		*"*	*0.0664*		*57.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0470*		*"*	*0.0664*		*70.8*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41403 - EPA 3550C											
Blank (BH41403-BLK1) Blank								Prepared & Analyzed: 08/21/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0631*		*"*	*0.0664*		*95.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0362*		*"*	*0.0664*		*54.5*	*30-140*				
LCS (BH41403-BS1) LCS								Prepared & Analyzed: 08/21/2024			
Aroclor 1016	0.266	0.0166	mg/kg wet	0.332		80.0	40-130				
Aroclor 1260	0.257	0.0166	"	0.332		77.5	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0535*		*"*	*0.0664*		*80.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0362*		*"*	*0.0664*		*54.5*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41358 - EPA 3550C/8151A											
Blank (BH41358-BLK1) Blank									Prepared: 08/21/2024 Analyzed: 08/22/2024		
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.327*		*"*	*0.417*		*78.4*	*21-150*				
LCS (BH41358-BS1) LCS									Prepared: 08/21/2024 Analyzed: 08/22/2024		
2,4,5-T	0.0750	0.0200	mg/kg wet	0.0667		112	10-120				
2,4,5-TP (Silvex)	0.0775	0.0200	"	0.0667		116	10-120				
2,4-D	0.0883	0.0200	"	0.0667		132	10-118	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.403*		*"*	*0.417*		*96.8*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41413 - EPA 3050B											
Blank (BH41413-BLK1) Blank									Prepared: 08/21/2024 Analyzed: 08/22/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	0.067	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	10.0	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BH41413-SRM1) Reference									Prepared: 08/21/2024 Analyzed: 08/22/2024		
Aluminum	5680	4.17	mg/kg wet	7680		74.0	46.7-129.9				
Antimony	74.9	2.08	"	257		29.1	1-100				
Arsenic	294	1.25	"	360		81.7	70.6-102.2				
Barium	297	2.08	"	332		89.6	75-108.1				
Beryllium	162	0.042	"	183		88.7	76.5-108.2				
Cadmium	196	0.250	"	238		82.4	73.5-105				
Calcium	4800	4.17	"	5490		87.4	77.2-110.9				
Chromium	174	0.417	"	199		87.2	73.4-107				
Cobalt	81.3	0.333	"	88.7		91.6	76.6-107.6				
Copper	212	1.67	"	227		93.6	74.9-105.7				
Iron	6000	20.8	"	7360		81.5	51.1-125.8				
Lead	87.5	0.417	"	100		87.5	75.9-110				
Magnesium	1560	4.17	"	1900		81.9	67.4-111.1				
Manganese	497	0.417	"	591		84.1	72.6-107.1				
Nickel	308	0.830	"	342		90.1	75.4-107.6				
Potassium	1170	4.17	"	1500		78.1	66.1-116.7				
Selenium	154	2.08	"	170		90.5	78.2-115.9				
Silver	76.8	0.420	"	88.6		86.7	73.9-112				
Sodium	534	41.7	"	527		101	68.5-115.9				
Thallium	190	2.08	"	226		84.0	73.5-108.4				
Vanadium	101	0.830	"	118		85.5	68.1-106.8				
Zinc	163	2.08	"	183		89.2	72.7-109.3				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41475 - EPA 7473 soil											
Blank (BH41475-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH41475-SRM1) Reference									Prepared & Analyzed: 08/22/2024		
Mercury	19.245		mg/kg	18.2		106	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41640 - Analysis Preparation Soil												
Blank (BH41640-BLK1)	Blank								Prepared & Analyzed: 08/26/2024			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BH41640-DUP1)	Duplicate	*Source sample: 24H1317-03 (PE15_16)							Prepared & Analyzed: 08/26/2024			
Cyanide, total		ND	0.552	mg/kg dry		ND					15	
Matrix Spike (BH41640-MS1)	Matrix Spike	*Source sample: 24H1317-03 (PE15_16)							Prepared & Analyzed: 08/26/2024			
Cyanide, total		4.96	0.552	mg/kg dry	5.52	ND	90.0	79.6-107				
Matrix Spike Dup (BH41640-I	Matrix Spike Dup	*Source sample: 24H1317-03 (PE15_16)							Prepared & Analyzed: 08/26/2024			
Cyanide, total		4.85	0.552	mg/kg dry	5.52	ND	88.0	79.6-107		2.25	200	
Reference (BH41640-SRM1)	Reference								Prepared & Analyzed: 08/26/2024			
Cyanide, total		50.3		ug/mL	59.7		84.2	38.5-161.4				
Batch BH41707 - EPA SW846-3060												
Blank (BH41707-BLK1)	Blank								Prepared: 08/26/2024 Analyzed: 08/27/2024			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BH41707-DUP1)	Duplicate	*Source sample: 24H1317-03 (PE15_16)							Prepared: 08/26/2024 Analyzed: 08/27/2024			
Chromium, Hexavalent		ND	0.552	mg/kg dry		ND					35	
Matrix Spike (BH41707-MS1)	Matrix Spike	*Source sample: 24H1317-03 (PE15_16)							Prepared: 08/26/2024 Analyzed: 08/27/2024			
Chromium, Hexavalent		13.1	0.552	mg/kg dry	22.1	ND	59.2	75-125	Low Bias			
Matrix Spike Dup (BH41707-I	Matrix Spike Dup	*Source sample: 24H1317-03 (PE15_16)							Prepared: 08/26/2024 Analyzed: 08/27/2024			
Chromium, Hexavalent		12.4	0.552	mg/kg dry	22.1	ND	56.0	75-125	Low Bias	5.56	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41707 - EPA SW846-3060											
Reference (BH41707-SRM1) Reference										Prepared: 08/26/2024 Analyzed: 08/27/2024	
Chromium, Hexavalent	238		mg/L	227		105	42.3-157.7				
Batch BH41875 - EPA SW846-3060											
Blank (BH41875-BLK1) Blank										Prepared & Analyzed: 08/28/2024	
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BH41875-SRM1) Reference										Prepared & Analyzed: 08/28/2024	
Chromium, Hexavalent	242		mg/L	227		107	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H1317-01	PE13_15	40mL Vial with Stir Bar-Cool 4° C
24H1317-02	PE14_15	40mL Vial with Stir Bar-Cool 4° C
24H1317-03	PE15_16	40mL Vial with Stir Bar-Cool 4° C
24H1317-04	PE11_15	40mL Vial with Stir Bar-Cool 4° C
24H1317-05	PE22_16	40mL Vial with Stir Bar-Cool 4° C
24H1317-06	PE23_16	40mL Vial with Stir Bar-Cool 4° C
24H1317-07	PE30_16	40mL Vial with Stir Bar-Cool 4° C
24H1317-08	PE31_16	40mL Vial with Stir Bar-Cool 4° C
24H1317-09	TB_08202024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
PCB-Tot	It is noted that other PCB species were detected in the sample other than those reported and may include PCB 1262 and PCB 1268.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: Per client request, the following sample IDs were updated to remove the dash after PE in the ID nomenclature.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24H1317

Page 1 of 1

Report To:
Company: LANGAN
Address: 300 Kimball Dr Parsippany NJ 07054
Phone.: 973 560 4900
Contact: Lauren Kofft
E-mail: LKofft@langan.com

Invoice To:
Company:
Address:
Phone.: Same
Contact:
E-mail:

YOUR Project Name / Number: 12096 Flatlands Avenue 100688801

PO Number:

Samples Collected From: NY X, NJ, CT, PA, Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

K. Godfrey
Kyle S. Godfrey
Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pesticides/Herbicides	Cyanide	TAL Metals	CrVI/Cr3	PFAS	1,4-dioxane				Grab or Comp.
PE-13_15	8/20	8:10	Soil	3									1	X	X	X	X	X	X	X	X				G
PE-14_15		8:20		3									1	X	X	X	X	X	X	X	X				G
PE-15_16		12:30		3									1	X	X	X	X	X	X	X	X				G
PE-11_15		8:00		3									1	X	X	X	X	X	X	X	X				G
PE-22_16		12:15		3									1	X	X	X	X	X	X	X	X				G
PE-23_16		8:40		3									1	X	X	X	X	X	X	X	X				G
PE-30_16		8:50		3									1	X	X	X	X	X	X	X	X				G
PE-31_16		8:30		3									1	X	X	X	X	X	X	X	X				G
TB-08202024		X	LIQ		2									X											G

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered
Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
K. Godfrey LANGAN	8/20 15:00				8/20/24 15:45
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	8/20/24 15:45		8/20/24 1900	Ramon Duran	8/20/24 1800
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
Ramon Duran	8/20/24 20:50				8/20/24 20:50 4.4 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1562

Revision No. **1.0**

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1562

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 22, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H1562-01	DUP-1_08222024	Soil	08/22/2024	08/22/2024
24H1562-02	TB_08222024	Water	08/22/2024	08/22/2024
24H1562-03	PE21_15	Soil	08/22/2024	08/22/2024
24H1562-04	PE29_15	Soil	08/22/2024	08/22/2024
24H1562-05	PE38_16	Soil	08/22/2024	08/22/2024
24H1562-06	PE39_16	Soil	08/22/2024	08/22/2024

General Notes for York Project (SDG) No.: 24H1562

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 09/09/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.033	0.065	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0018**	J	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.011**		mg/kg dry	0.0033	0.0065	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0033	0.0065	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0018**	CCVE, J	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.226	0.452	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.226	0.452	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0623**	J	mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*83.7 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*77.0 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.3 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*92.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*109 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*92.6 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 12:43	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*65.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.152	0.242	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0726	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.144	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.245	0.251	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.236	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.229	0.255	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.259	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.262	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.271	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.223	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.171	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.141	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.203	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.266	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.149	0.548	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.200	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.212	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.262	0.264	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.815	1.04	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.03	1.05	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.149	1.10	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.190	0.488	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.264	0.548	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0849	0.548	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.132	0.548	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.215	0.258	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.815	1.03	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.833	1.10	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.426	1.04	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.337	1.02	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.238	1.04	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.232	0.266	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097			

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.170	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.869	1.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.87	6.85	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.05	6.85	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.837	2.74	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.247	0.274	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.955	2.74	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.271	0.274	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*114 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*97.4 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*153 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*105 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*106 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*116 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*118 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*109 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*86.8 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*114 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*94.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.6 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*119 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*128 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*216 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*304 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*105 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*154 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*65.8 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*51.5 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*73.7 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*71.2 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*67.8 %*		*25-150*

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0450	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0273	1	EPA 8151A	08/27/2024 08:23	08/27/2024 19:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0273	1	EPA 8151A	08/27/2024 08:23	08/27/2024 19:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0273	1	EPA 8151A	08/27/2024 08:23	08/27/2024 19:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*70.2 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14200**		mg/kg dry	5.72	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.86	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.88**		mg/kg dry	1.72	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**18.6**		mg/kg dry	2.86	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.286**		mg/kg dry	0.058	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.343	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1050**		mg/kg dry	5.72	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.8**		mg/kg dry	0.572	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.28**		mg/kg dry	0.457	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**5.22**		mg/kg dry	2.29	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**5190**		mg/kg dry	28.6	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**696**		mg/kg dry	0.572	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1730**		mg/kg dry	5.72	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**40.8**		mg/kg dry	0.572	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**11.3**		mg/kg dry	1.14	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**911**		mg/kg dry	5.72	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.86	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.577	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**342**		mg/kg dry	57.2	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.86	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.2**		mg/kg dry	1.14	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**25.5**		mg/kg dry	2.85	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0412	1	EPA 7473	08/26/2024 13:52	08/27/2024 14:14	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.686	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**15.8**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.686	1	EPA 9014/9010C	08/26/2024 14:40	08/26/2024 18:50	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**72.9**		%	0.100	1	SM 2540G	08/23/2024 11:33	08/23/2024 15:43	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: TB_08222024 **York Sample ID:** 24H1562-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Water	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	40	40	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08222024 **York Sample ID:** 24H1562-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Water	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_08222024 **York Sample ID:** 24H1562-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Water	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08222024 **York Sample ID:** 24H1562-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Water	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.7 %*	*79-122*

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.087	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0068**	J	mg/kg dry	0.0043	0.0087	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0043	0.0087	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*113 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.224	0.448	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.224	0.448	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.143**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.128**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.164**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0822**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.135**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.309**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.100**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.158**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.242**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*74.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*68.1 %*	*23-114*

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*84.9 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*103 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.7 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 13:00	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.9 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.148	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0707	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.140	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.239	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.230	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.223	0.248	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.252	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.255	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.264	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.218	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.167	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.137	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.198	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.259	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.145	0.534	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.195	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.207	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.255	0.258	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.794	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.01	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.145	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.186	0.475	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.258	0.534	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0827	0.534	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.128	0.534	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.210	0.251	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.794	1.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.811	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.415	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.328	0.998	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.232	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.226	0.259	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.165	0.256	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.846	1.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.80	6.67	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.00	6.67	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.815	2.67	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.240	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.930	2.67	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.264	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*131 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*101 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*150 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*127 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*107 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*107 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*116 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*107 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*91.9 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*132 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*95.0 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*95.2 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*119 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*140 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*199 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*297 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*109 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*204 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*61.3 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*47.5 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*75.8 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*76.7 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*72.1 %*		*25-150*

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0441	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0267	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0267	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0267	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*62.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7260**		mg/kg dry	5.66	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.83	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**7.00**		mg/kg dry	1.70	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**222**		mg/kg dry	2.83	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.317**		mg/kg dry	0.057	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.623**		mg/kg dry	0.340	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3750**		mg/kg dry	5.66	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.8**		mg/kg dry	0.567	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.60**		mg/kg dry	0.452	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**42.9**		mg/kg dry	2.26	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**13100**		mg/kg dry	28.3	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**289**		mg/kg dry	0.567	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1620**		mg/kg dry	5.67	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**145**		mg/kg dry	0.567	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.0**		mg/kg dry	1.13	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**656**		mg/kg dry	5.67	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.571	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**393**		mg/kg dry	56.6	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.6**		mg/kg dry	1.13	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**230**		mg/kg dry	2.82	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.807**		mg/kg dry	0.0408	1	EPA 7473	08/23/2024 14:38	08/24/2024 16:29	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.679	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.8**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.679	1	EPA 9014/9010C	08/26/2024 14:40	08/26/2024 18:50	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**73.6**		%	0.100	1	SM 2540G	08/23/2024 11:33	08/23/2024 15:43	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE29_15** **York Sample ID:** **24H1562-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.12	0.24	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.026**		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.14**		mg/kg dry	0.012	0.024	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.012	0.024	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.012	0.024	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.012	0.024	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.018	0.037	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*114 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.579	1.16	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.579	1.16	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.180**	J	mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.430**		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.277**	J	mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.330**		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.4 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.7 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.7 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.9 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 13:18	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*77.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.388	0.619	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.185	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.367	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.626	0.640	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.602	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.584	0.651	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.661	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.668	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.693	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.570	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.437	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.360	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.518	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.679	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.381	1.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.511	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.542	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.668	0.675	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	2.08	2.66	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	2.64	2.69	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.381	2.80	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.486	1.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.675	1.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.217	1.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.336	1.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.549	0.658	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	2.08	2.62	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	2.13	2.80	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	1.09	2.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.860	2.62	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.609	2.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.591	0.679	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.434	0.672	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	2.22	3.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	7.34	17.5	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.25	17.5	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.14	7.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.630	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.44	7.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.693	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*142 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*103 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*153 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*134 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*122 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*103 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*46.3 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*148 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*99.6 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.3 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*110 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*134 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*178 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*260 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*126 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*217 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*72.4 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*65.0 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*76.1 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*82.8 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*78.8 %*		*25-150*

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.114	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0700	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0700	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0700	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*47.0 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6110**		mg/kg dry	14.6	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	7.32	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	4.39	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**23.0**		mg/kg dry	7.30	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.322**		mg/kg dry	0.147	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.878	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**9890**		mg/kg dry	14.6	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.6**		mg/kg dry	1.46	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.11**		mg/kg dry	1.17	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**18.8**		mg/kg dry	5.85	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**11300**		mg/kg dry	73.2	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**15.9**		mg/kg dry	1.46	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**5160**		mg/kg dry	14.6	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**492**		mg/kg dry	1.46	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**7.76**		mg/kg dry	2.91	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1340**		mg/kg dry	14.6	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	7.32	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	1.47	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**842**		mg/kg dry	146	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	7.32	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.3**		mg/kg dry	2.91	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**14.5**		mg/kg dry	7.29	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.117**		mg/kg dry	0.105	1	EPA 7473	08/23/2024 14:38	08/24/2024 16:29	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	1.76	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.6**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.76	1	EPA 9014/9010C	08/27/2024 07:42	08/27/2024 15:42	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**28.5**		%	0.100	1	SM 2540G	08/23/2024 11:33	08/23/2024 15:43	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE38_16** **York Sample ID:** **24H1562-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.094	0.19	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.024**		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.11**		mg/kg dry	0.0094	0.019	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0094	0.019	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0094	0.019	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0094	0.019	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.014	0.028	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*109 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.360	0.720	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.360	0.720	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*83.6 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*77.5 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*84.1 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*96.5 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*121 %*	S-08		*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*96.4 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 13:35	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*66.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.240	0.382	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.114	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.227	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.386	0.395	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.371	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.361	0.402	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.408	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.412	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.427	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.352	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.270	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.222	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.320	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.419	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.235	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.315	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.335	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.412	0.417	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.28	1.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.63	1.66	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.235	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.300	0.769	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.417	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.134	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.207	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.339	0.406	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.28	1.62	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.31	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.671	1.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.531	1.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.376	1.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.365	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.268	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	1.37	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	4.53	10.8	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	3.24	10.8	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	1.32	4.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.389	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.50	4.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.427	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*110 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*94.4 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*133 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*108 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*98.3 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*96.4 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*100 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*84.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*38.5 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*122 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*85.6 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*86.6 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*96.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*119 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*190 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*267 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*90.5 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*195 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*58.6 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*49.8 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*57.6 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*68.8 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*63.0 %*		*25-150*

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0709	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0434	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0434	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0434	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*97.6 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**20900**		mg/kg dry	9.10	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	4.55	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**10.9**		mg/kg dry	2.73	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**324**		mg/kg dry	4.54	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.674**		mg/kg dry	0.092	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.637**		mg/kg dry	0.546	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**6770**		mg/kg dry	9.10	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**37.0**		mg/kg dry	0.911	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**10.3**		mg/kg dry	0.728	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**50.0**		mg/kg dry	3.64	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**31100**		mg/kg dry	45.5	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**145**		mg/kg dry	0.911	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2920**		mg/kg dry	9.11	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**189**		mg/kg dry	0.911	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**29.7**		mg/kg dry	1.81	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1160**		mg/kg dry	9.11	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	4.55	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.918	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**506**		mg/kg dry	91.0	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	4.55	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**44.9**		mg/kg dry	1.81	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**578**		mg/kg dry	4.53	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.563**		mg/kg dry	0.0655	1	EPA 7473	08/23/2024 14:38	08/24/2024 16:29	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	1.09	1	EPA 7196A	08/28/2024 14:45	08/28/2024 18:57	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**37.0**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.09	1	EPA 9014/9010C	08/27/2024 07:42	08/27/2024 15:42	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**45.8**		%	0.100	1	SM 2540G	08/23/2024 11:33	08/23/2024 15:43	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE39_16** **York Sample ID:** **24H1562-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.031	0.061	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0015**	J	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.013**		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0026**	CCVE, J	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*112 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.215	0.431	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.215	0.431	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*82.7 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*77.6 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*91.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*104 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*93.4 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 13:53	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*61.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.145	0.231	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0692	0.261	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.137	0.261	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.234	0.239	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.225	0.261	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.218	0.243	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.247	0.261	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.250	0.261	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.259	0.261	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.213	0.261	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.163	0.261	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.135	0.261	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.193	0.261	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.253	0.261	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.142	0.523	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.191	0.261	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.203	0.261	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.250	0.252	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.777	0.993	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.986	1.00	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.142	1.05	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.182	0.465	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.252	0.523	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0810	0.523	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.125	0.523	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.205	0.246	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.777	0.980	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.794	1.05	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.406	0.988	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.321	0.977	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.227	0.988	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.221	0.253	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:53	ESJ
								Certifications: NELAC-NH2097			

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.162	0.251	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.828	1.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.74	6.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.96	6.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.798	2.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.235	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.911	2.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.259	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*132 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*106 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*161 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*112 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*125 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*123 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*112 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*83.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*90.6 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*142 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*101 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*127 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*145 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*221 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*327 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*122 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*168 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*80.0 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*65.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*62.0 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*82.6 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*74.5 %*		*25-150*

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0426	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0261	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0261	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0261	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*75.6 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13300**		mg/kg dry	5.46	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.73	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.98**		mg/kg dry	1.64	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**16.0**		mg/kg dry	2.73	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.230**		mg/kg dry	0.055	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.328	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**759**		mg/kg dry	5.47	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.7**		mg/kg dry	0.547	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.37**		mg/kg dry	0.437	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**4.63**		mg/kg dry	2.19	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**5660**		mg/kg dry	27.3	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**12.1**		mg/kg dry	0.547	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1640**		mg/kg dry	5.47	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**39.7**		mg/kg dry	0.547	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**11.0**		mg/kg dry	1.09	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**800**		mg/kg dry	5.47	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.73	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.551	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **PE39_16** **York Sample ID:** **24H1562-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**179**		mg/kg dry	54.7	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.73	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.6**		mg/kg dry	1.09	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**30.4**		mg/kg dry	2.72	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0394	1	EPA 7473	08/23/2024 14:38	08/24/2024 16:29	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.656	1	EPA 7196A	08/28/2024 14:45	08/28/2024 18:57	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.7**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.656	1	EPA 9014/9010C	08/27/2024 07:42	08/27/2024 15:42	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**76.2**		%	0.100	1	SM 2540G	08/23/2024 11:33	08/23/2024 15:43	HLY
							Certifications: CTDOH-PH-0723			

Analytical Batch Summary

Batch ID: BH41474 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-02	TB_08222024	08/23/24
BH41474-BLK1	Blank	08/23/24
BH41474-BS1	LCS	08/23/24
BH41474-BSD1	LCS Dup	08/23/24

Batch ID: BH41572 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/23/24
24H1562-03	PE21_15	08/23/24
24H1562-04	PE29_15	08/23/24
24H1562-05	PE38_16	08/23/24
24H1562-06	PE39_16	08/23/24
BH41572-DUP1	Duplicate	08/23/24

Batch ID: BH41587 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-03	PE21_15	08/23/24
24H1562-03	PE21_15	08/23/24
24H1562-04	PE29_15	08/23/24
24H1562-04	PE29_15	08/23/24
24H1562-05	PE38_16	08/23/24
24H1562-05	PE38_16	08/23/24
24H1562-06	PE39_16	08/23/24
24H1562-06	PE39_16	08/23/24
BH41587-BLK1	Blank	08/23/24
BH41587-BLK2	Blank	08/23/24
BH41587-BS1	LCS	08/23/24
BH41587-BS2	LCS	08/23/24

Batch ID: BH41593 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-03	PE21_15	08/23/24
24H1562-04	PE29_15	08/23/24
24H1562-05	PE38_16	08/23/24
24H1562-06	PE39_16	08/23/24
BH41593-BLK1	Blank	08/23/24
BH41593-SRM1	Reference	08/23/24

Batch ID: BH41614 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/24/24
24H1562-01	DUP-1_08222024	08/24/24
BH41614-BLK1	Blank	08/24/24
BH41614-BLK2	Blank	08/24/24
BH41614-BS1	LCS	08/24/24
BH41614-BS2	LCS	08/24/24

Batch ID: BH41618 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-03	PE21_15	08/24/24
24H1562-04	PE29_15	08/24/24
24H1562-05	PE38_16	08/24/24
24H1562-06	PE39_16	08/24/24
BH41618-BLK1	Blank	08/24/24
BH41618-SRM1	Reference	08/24/24

Batch ID: BH41690 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/23/24
24H1562-03	PE21_15	08/23/24
24H1562-04	PE29_15	08/23/24
24H1562-05	PE38_16	08/23/24
24H1562-06	PE39_16	08/23/24
BH41690-BLK1	Blank	08/23/24
BH41690-BS1	LCS	08/23/24
BH41690-BSD1	LCS Dup	08/23/24

Batch ID: BH41697 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/26/24
BH41697-BLK1	Blank	08/26/24
BH41697-SRM1	Reference	08/26/24

Batch ID: BH41703 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/26/24
BH41703-BLK1	Blank	08/26/24
BH41703-SRM1	Reference	08/26/24

Batch ID: BH41705 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date

24H1562-01	DUP-1_08222024	08/26/24
24H1562-03	PE21_15	08/26/24
BH41705-BLK1	Blank	08/26/24
BH41705-SRM1	Reference	08/26/24

Batch ID: BH41748 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-04	PE29_15	08/27/24
24H1562-05	PE38_16	08/27/24
24H1562-06	PE39_16	08/27/24
BH41748-BLK1	Blank	08/27/24
BH41748-SRM1	Reference	08/27/24

Batch ID: BH41755 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/27/24
24H1562-03	PE21_15	08/27/24
24H1562-04	PE29_15	08/27/24
24H1562-05	PE38_16	08/27/24
24H1562-06	PE39_16	08/27/24
BH41755-BLK1	Blank	08/27/24
BH41755-BS1	LCS	08/27/24

Batch ID: BH41757 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/27/24
24H1562-03	PE21_15	08/27/24
24H1562-04	PE29_15	08/27/24
24H1562-05	PE38_16	08/27/24
24H1562-06	PE39_16	08/27/24
BH41757-BLK1	Blank	08/27/24
BH41757-BS1	LCS	08/27/24

Batch ID: BH41764 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/27/24
24H1562-03	PE21_15	08/27/24
24H1562-04	PE29_15	08/27/24
24H1562-05	PE38_16	08/27/24
24H1562-06	PE39_16	08/27/24
BH41764-BLK1	Blank	08/27/24
BH41764-BS1	LCS	08/27/24
BH41764-BS2	LCS	08/27/24

Batch ID: BH41781 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/27/24
24H1562-03	PE21_15	08/27/24
24H1562-04	PE29_15	08/27/24
24H1562-05	PE38_16	08/27/24
24H1562-06	PE39_16	08/27/24
BH41781-BLK1	Blank	08/27/24
BH41781-BS1	LCS	08/27/24

Batch ID: BH41875 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/28/24
24H1562-03	PE21_15	08/28/24
24H1562-04	PE29_15	08/28/24
BH41875-BLK1	Blank	08/28/24
BH41875-SRM1	Reference	08/28/24

Batch ID: BH41900 **Preparation Method:** EPA SW846-3060 **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-05	PE38_16	08/28/24
24H1562-06	PE39_16	08/28/24
BH41900-BLK1	Blank	08/28/24
BH41900-SRM1	Reference	08/28/24

Batch ID: BH41920 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/28/24
24H1562-03	PE21_15	08/28/24
24H1562-04	PE29_15	08/28/24
24H1562-05	PE38_16	08/28/24
24H1562-06	PE39_16	08/28/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41474 - EPA 5030B											
Blank (BH41474-BLK1) Blank									Prepared & Analyzed: 08/23/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41474 - EPA 5030B											
Blank (BH41474-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
n-Butylbenzene	ND	0.50	ug/L								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.71*		*"*	*10.0*		*97.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*79-122*				
LCS (BH41474-BS1) LCS								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		104	82-126				
1,1,1-Trichloroethane	10		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		115	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		106	54-165				
1,1,2-Trichloroethane	11		"	10.0		108	82-123				
1,1-Dichloroethane	10		"	10.0		102	82-129				
1,1-Dichloroethylene	11		"	10.0		114	68-138				
1,2,3-Trichlorobenzene	13		"	10.0		125	40-130				
1,2,3-Trichloropropane	9.8		"	10.0		97.6	77-128				
1,2,4-Trichlorobenzene	12		"	10.0		120	65-137				
1,2,4-Trimethylbenzene	10		"	10.0		103	82-132				
1,2-Dibromo-3-chloropropane	10		"	10.0		102	45-147				
1,2-Dibromoethane	11		"	10.0		112	83-124				
1,2-Dichlorobenzene	11		"	10.0		106	79-123				
1,2-Dichloroethane	11		"	10.0		113	73-132				
1,2-Dichloropropane	10		"	10.0		101	78-126				
1,3,5-Trimethylbenzene	10		"	10.0		101	80-131				
1,3-Dichlorobenzene	10		"	10.0		102	86-130				
1,4-Dichlorobenzene	10		"	10.0		100	85-130				
1,4-Dioxane	200		"	210		95.7	10-349				
2-Butanone	7.7		"	10.0		77.0	49-152				
2-Hexanone	10		"	10.0		99.5	51-146				
4-Methyl-2-pentanone	10		"	10.0		104	57-145				
Acetone	25		"	10.0		250	14-150	High Bias			
Acrolein	0.65		"	10.0		6.50	10-153	Low Bias			
Acrylonitrile	11		"	10.0		109	51-150				
Benzene	11		"	10.0		107	85-126				
Bromochloromethane	11		"	10.0		108	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41474 - EPA 5030B											
LCS (BH41474-BS1) LCS							Prepared & Analyzed: 08/23/2024				
Bromodichloromethane	10		ug/L	10.0		104	79-128				
Bromoform	10		"	10.0		100	78-133				
Bromomethane	6.3		"	10.0		63.2	43-168				
Carbon disulfide	12		"	10.0		117	68-146				
Carbon tetrachloride	11		"	10.0		108	77-141				
Chlorobenzene	10		"	10.0		102	88-120				
Chloroethane	10		"	10.0		99.5	65-136				
Chloroform	10		"	10.0		103	82-128				
Chloromethane	8.2		"	10.0		82.1	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		102	83-129				
cis-1,3-Dichloropropylene	10		"	10.0		103	80-131				
Cyclohexane	10		"	10.0		104	63-149				
Dibromochloromethane	11		"	10.0		110	80-130				
Dibromomethane	11		"	10.0		106	72-134				
Dichlorodifluoromethane	11		"	10.0		107	44-144				
Ethyl Benzene	10		"	10.0		102	80-131				
Hexachlorobutadiene	11		"	10.0		109	67-146				
Isopropylbenzene	9.4		"	10.0		94.3	76-140				
Methyl acetate	13		"	10.0		129	51-139				
Methyl tert-butyl ether (MTBE)	12		"	10.0		118	76-135				
Methylcyclohexane	10		"	10.0		102	72-143				
Methylene chloride	9.8		"	10.0		97.9	55-137				
n-Butylbenzene	11		"	10.0		108	79-132				
n-Propylbenzene	9.6		"	10.0		95.9	78-133				
o-Xylene	10		"	10.0		104	78-130				
p- & m- Xylenes	20		"	20.0		102	77-133				
p-Isopropyltoluene	10		"	10.0		103	81-136				
sec-Butylbenzene	10		"	10.0		99.6	79-137				
Styrene	11		"	10.0		109	67-132				
tert-Butyl alcohol (TBA)	55		"	50.0		110	25-162				
tert-Butylbenzene	9.6		"	10.0		95.6	77-138				
Tetrachloroethylene	5.6		"	10.0		56.0	82-131	Low Bias			
Toluene	10		"	10.0		102	80-127				
trans-1,2-Dichloroethylene	10		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	11		"	10.0		108	78-131				
trans-1,4-dichloro-2-butene	11		"	10.0		111	63-141				
Trichloroethylene	9.6		"	10.0		96.0	82-128				
Trichlorofluoromethane	11		"	10.0		106	67-139				
Vinyl Chloride	11		"	10.0		105	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.53*		*"*	*10.0*		*95.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.29*		*"*	*10.0*		*92.9*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41474 - EPA 5030B											
LCS Dup (BH41474-BSD1) LCS Dup								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	9.6		ug/L	10.0		95.6	82-126		8.61	30	
1,1,1-Trichloroethane	9.2		"	10.0		91.9	78-136		12.4	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		109	76-129		5.37	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.1		"	10.0		91.3	54-165		15.4	30	
1,1,2-Trichloroethane	10		"	10.0		101	82-123		6.78	30	
1,1-Dichloroethane	9.0		"	10.0		90.0	82-129		12.0	30	
1,1-Dichloroethylene	9.9		"	10.0		99.4	68-138		13.9	30	
1,2,3-Trichlorobenzene	13		"	10.0		133	40-130	High Bias	5.73	30	
1,2,3-Trichloropropane	9.7		"	10.0		97.3	77-128		0.308	30	
1,2,4-Trichlorobenzene	12		"	10.0		119	65-137		0.419	30	
1,2,4-Trimethylbenzene	9.3		"	10.0		93.4	82-132		9.58	30	
1,2-Dibromo-3-chloropropane	10		"	10.0		104	45-147		2.05	30	
1,2-Dibromoethane	10		"	10.0		104	83-124		7.20	30	
1,2-Dichlorobenzene	10		"	10.0		99.7	79-123		6.22	30	
1,2-Dichloroethane	10		"	10.0		103	73-132		8.97	30	
1,2-Dichloropropane	9.2		"	10.0		91.9	78-126		9.34	30	
1,3,5-Trimethylbenzene	9.1		"	10.0		91.4	80-131		9.58	30	
1,3-Dichlorobenzene	9.4		"	10.0		93.7	86-130		8.87	30	
1,4-Dichlorobenzene	9.3		"	10.0		92.9	85-130		7.36	30	
1,4-Dioxane	98		"	210		46.8	10-349		68.7	30	Non-dir.
2-Butanone	9.5		"	10.0		95.3	49-152		21.2	30	
2-Hexanone	9.7		"	10.0		96.9	51-146		2.65	30	
4-Methyl-2-pentanone	10		"	10.0		101	57-145		3.12	30	
Acetone	25		"	10.0		245	14-150	High Bias	1.94	30	
Acrolein	1.1		"	10.0		10.8	10-153		49.7	30	Non-dir.
Acrylonitrile	9.6		"	10.0		95.6	51-150		13.5	30	
Benzene	9.6		"	10.0		95.8	85-126		10.7	30	
Bromochloromethane	9.9		"	10.0		99.3	77-128		8.39	30	
Bromodichloromethane	9.6		"	10.0		95.5	79-128		8.33	30	
Bromoform	9.7		"	10.0		96.7	78-133		3.85	30	
Bromomethane	6.2		"	10.0		61.8	43-168		2.24	30	
Carbon disulfide	10		"	10.0		102	68-146		14.1	30	
Carbon tetrachloride	9.4		"	10.0		94.2	77-141		13.6	30	
Chlorobenzene	9.2		"	10.0		92.0	88-120		10.2	30	
Chloroethane	8.9		"	10.0		88.6	65-136		11.6	30	
Chloroform	9.4		"	10.0		94.4	82-128		8.52	30	
Chloromethane	7.4		"	10.0		74.2	43-155		10.1	30	
cis-1,2-Dichloroethylene	9.4		"	10.0		93.5	83-129		8.89	30	
cis-1,3-Dichloropropylene	9.4		"	10.0		94.5	80-131		8.41	30	
Cyclohexane	9.2		"	10.0		91.5	63-149		13.0	30	
Dibromochloromethane	10		"	10.0		103	80-130		6.75	30	
Dibromomethane	10		"	10.0		100	72-134		5.54	30	
Dichlorodifluoromethane	9.4		"	10.0		94.3	44-144		12.6	30	
Ethyl Benzene	9.2		"	10.0		91.6	80-131		10.5	30	
Hexachlorobutadiene	9.9		"	10.0		99.0	67-146		9.71	30	
Isopropylbenzene	8.5		"	10.0		85.2	76-140		10.1	30	
Methyl acetate	12		"	10.0		120	51-139		6.82	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		114	76-135		3.70	30	
Methylcyclohexane	9.0		"	10.0		90.0	72-143		12.4	30	
Methylene chloride	8.9		"	10.0		88.7	55-137		9.86	30	
n-Butylbenzene	9.6		"	10.0		96.3	79-132		11.3	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41474 - EPA 5030B											
LCS Dup (BH41474-BSD1) LCS Dup								Prepared & Analyzed: 08/23/2024			
n-Propylbenzene	8.6		ug/L	10.0		85.5	78-133		11.5	30	
o-Xylene	9.4		"	10.0		94.4	78-130		9.87	30	
p- & m- Xylenes	18		"	20.0		92.0	77-133		10.1	30	
p-Isopropyltoluene	9.2		"	10.0		92.0	81-136		11.6	30	
sec-Butylbenzene	8.9		"	10.0		88.6	79-137		11.7	30	
Styrene	9.9		"	10.0		99.0	67-132		9.34	30	
tert-Butyl alcohol (TBA)	27		"	50.0		54.2	25-162		67.7	30	Non-dir.
tert-Butylbenzene	8.6		"	10.0		86.1	77-138		10.5	30	
Tetrachloroethylene	5.0		"	10.0		49.8	82-131	Low Bias	11.7	30	
Toluene	9.2		"	10.0		91.6	80-127		10.8	30	
trans-1,2-Dichloroethylene	9.3		"	10.0		92.8	80-132		11.3	30	
trans-1,3-Dichloropropylene	10		"	10.0		102	78-131		6.08	30	
trans-1,4-dichloro-2-butene	10		"	10.0		105	63-141		5.58	30	
Trichloroethylene	8.5		"	10.0		84.9	82-128		12.3	30	
Trichlorofluoromethane	9.1		"	10.0		91.3	67-139		15.4	30	
Vinyl Chloride	9.2		"	10.0		92.5	58-145		12.8	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.68*		*"*	*10.0*		*96.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.47*		*"*	*10.0*		*94.7*	*79-122*				
Batch BH41690 - EPA 5035A											
Blank (BH41690-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
Blank (BH41690-BLK1) Blank									Prepared & Analyzed: 08/23/2024		
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.1*		*ug/L*	*50.0*		*98.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.8*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
LCS (BH41690-BS1) LCS							Prepared & Analyzed: 08/23/2024				
1,1,1,2-Tetrachloroethane	45		ug/L	50.0		89.6	75-129				
1,1,1-Trichloroethane	43		"	50.0		85.8	71-137				
1,1,2,2-Tetrachloroethane	42		"	50.0		83.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		"	50.0		86.6	58-146				
1,1,2-Trichloroethane	44		"	50.0		88.6	83-123				
1,1-Dichloroethane	43		"	50.0		85.7	75-130				
1,1-Dichloroethylene	40		"	50.0		79.8	64-137				
1,2,3-Trichlorobenzene	43		"	50.0		85.3	81-140				
1,2,3-Trichloropropane	42		"	50.0		85.0	81-126				
1,2,4-Trichlorobenzene	44		"	50.0		87.7	80-141				
1,2,4-Trimethylbenzene	45		"	50.0		90.6	84-125				
1,2-Dibromo-3-chloropropane	37		"	50.0		75.0	74-142				
1,2-Dibromoethane	43		"	50.0		86.4	86-123				
1,2-Dichlorobenzene	44		"	50.0		88.0	85-122				
1,2-Dichloroethane	42		"	50.0		84.1	71-133				
1,2-Dichloropropane	41		"	50.0		82.6	81-122				
1,3,5-Trimethylbenzene	44		"	50.0		88.5	82-126				
1,3-Dichlorobenzene	45		"	50.0		89.2	84-124				
1,4-Dichlorobenzene	45		"	50.0		89.6	84-124				
1,4-Dioxane	840		"	1050		80.4	10-228				
2-Butanone	41		"	50.0		82.6	58-147				
2-Hexanone	38		"	50.0		76.8	70-139				
4-Methyl-2-pentanone	40		"	50.0		79.5	72-132				
Acetone	35		"	50.0		70.5	36-155				
Acrolein	5.3		"	50.0		10.7	10-238				
Acrylonitrile	50		"	50.0		99.2	66-141				
Benzene	44		"	50.0		88.1	77-127				
Bromochloromethane	44		"	50.0		88.2	74-129				
Bromodichloromethane	43		"	50.0		86.5	81-124				
Bromoform	42		"	50.0		84.4	80-136				
Bromomethane	38		"	50.0		75.7	32-177				
Carbon disulfide	42		"	50.0		84.6	10-136				
Carbon tetrachloride	45		"	50.0		89.2	66-143				
Chlorobenzene	44		"	50.0		87.2	86-120				
Chloroethane	37		"	50.0		74.6	51-142				
Chloroform	44		"	50.0		88.1	76-131				
Chloromethane	29		"	50.0		58.0	49-132				
cis-1,2-Dichloroethylene	40		"	50.0		79.9	74-132				
cis-1,3-Dichloropropylene	42		"	50.0		84.7	81-129				
Cyclohexane	42		"	50.0		83.2	70-130				
Dibromochloromethane	44		"	50.0		88.0	10-200				
Dibromomethane	44		"	50.0		87.1	83-124				
Dichlorodifluoromethane	20		"	50.0		40.4	28-158				
Ethyl Benzene	45		"	50.0		90.4	84-125				
Hexachlorobutadiene	42		"	50.0		84.7	83-133				
Isopropylbenzene	45		"	50.0		90.2	81-127				
Methyl acetate	39		"	50.0		77.1	41-143				
Methyl tert-butyl ether (MTBE)	41		"	50.0		81.1	74-131				
Methylcyclohexane	40		"	50.0		79.1	70-130				
Methylene chloride	43		"	50.0		85.1	57-141				
n-Butylbenzene	47		"	50.0		93.3	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
LCS (BH41690-BS1) LCS								Prepared & Analyzed: 08/23/2024			
n-Propylbenzene	44		ug/L	50.0		89.0	74-136				
o-Xylene	43		"	50.0		86.5	83-123				
p- & m- Xylenes	86		"	100		85.7	82-128				
p-Isopropyltoluene	47		"	50.0		93.2	85-125				
sec-Butylbenzene	44		"	50.0		88.1	83-125				
Styrene	47		"	50.0		93.3	86-126				
tert-Butyl alcohol (TBA)	120		"	250		46.6	70-130	Low Bias			
tert-Butylbenzene	44		"	50.0		88.8	80-127				
Tetrachloroethylene	43		"	50.0		85.5	80-129				
Toluene	43		"	50.0		86.6	85-121				
trans-1,2-Dichloroethylene	42		"	50.0		83.8	72-132				
trans-1,3-Dichloropropylene	42		"	50.0		84.3	78-132				
trans-1,4-dichloro-2-butene	43		"	50.0		85.2	75-135				
Trichloroethylene	46		"	50.0		92.0	84-123				
Trichlorofluoromethane	38		"	50.0		76.1	62-140				
Vinyl Chloride	33		"	50.0		66.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.3*	*76-130*				
LCS Dup (BH41690-BSD1) LCS Dup								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	45		ug/L	50.0		90.6	75-129		1.07	30	
1,1,1-Trichloroethane	40		"	50.0		80.3	71-137		6.60	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		98.0	79-129		16.4	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41		"	50.0		82.3	58-146		5.02	30	
1,1,2-Trichloroethane	46		"	50.0		91.2	83-123		2.94	30	
1,1-Dichloroethane	39		"	50.0		78.7	75-130		8.49	30	
1,1-Dichloroethylene	37		"	50.0		74.6	64-137		6.71	30	
1,2,3-Trichlorobenzene	48		"	50.0		96.8	81-140		12.6	30	
1,2,3-Trichloropropane	50		"	50.0		100	81-126		16.3	30	
1,2,4-Trichlorobenzene	49		"	50.0		98.1	80-141		11.2	30	
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125		11.9	30	
1,2-Dibromo-3-chloropropane	47		"	50.0		94.2	74-142		22.7	30	
1,2-Dibromoethane	45		"	50.0		89.5	86-123		3.53	30	
1,2-Dichlorobenzene	48		"	50.0		96.2	85-122		8.95	30	
1,2-Dichloroethane	42		"	50.0		83.1	71-133		1.17	30	
1,2-Dichloropropane	45		"	50.0		89.6	81-122		8.17	30	
1,3,5-Trimethylbenzene	50		"	50.0		99.9	82-126		12.1	30	
1,3-Dichlorobenzene	49		"	50.0		98.6	84-124		9.99	30	
1,4-Dichlorobenzene	50		"	50.0		101	84-124		11.9	30	
1,4-Dioxane	1000		"	1050		98.9	10-228		20.6	30	
2-Butanone	47		"	50.0		94.0	58-147		13.0	30	
2-Hexanone	44		"	50.0		88.4	70-139		14.0	30	
4-Methyl-2-pentanone	46		"	50.0		91.8	72-132		14.3	30	
Acetone	37		"	50.0		74.0	36-155		4.90	30	
Acrolein	7.4		"	50.0		14.8	10-238		32.6	30	Non-dir.
Acrylonitrile	52		"	50.0		105	66-141		5.53	30	
Benzene	42		"	50.0		84.4	77-127		4.27	30	
Bromochloromethane	44		"	50.0		88.4	74-129		0.204	30	
Bromodichloromethane	46		"	50.0		91.5	81-124		5.62	30	
Bromoform	46		"	50.0		91.2	80-136		7.72	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
LCS Dup (BH41690-BSD1) LCS Dup							Prepared & Analyzed: 08/23/2024				
Bromomethane	38		ug/L	50.0		75.6	32-177		0.212	30	
Carbon disulfide	40		"	50.0		79.2	10-136		6.52	30	
Carbon tetrachloride	43		"	50.0		85.7	66-143		4.03	30	
Chlorobenzene	45		"	50.0		90.0	86-120		3.18	30	
Chloroethane	37		"	50.0		74.2	51-142		0.565	30	
Chloroform	42		"	50.0		83.9	76-131		4.86	30	
Chloromethane	26		"	50.0		52.7	49-132		9.50	30	
cis-1,2-Dichloroethylene	44		"	50.0		88.9	74-132		10.7	30	
cis-1,3-Dichloropropylene	43		"	50.0		85.6	81-129		0.963	30	
Cyclohexane	38		"	50.0		76.7	70-130		8.11	30	
Dibromochloromethane	47		"	50.0		93.8	10-200		6.42	30	
Dibromomethane	45		"	50.0		90.3	83-124		3.63	30	
Dichlorodifluoromethane	18		"	50.0		36.9	28-158		8.96	30	
Ethyl Benzene	48		"	50.0		96.4	84-125		6.43	30	
Hexachlorobutadiene	47		"	50.0		93.3	83-133		9.64	30	
Isopropylbenzene	50		"	50.0		99.9	81-127		10.2	30	
Methyl acetate	37		"	50.0		75.0	41-143		2.76	30	
Methyl tert-butyl ether (MTBE)	38		"	50.0		76.7	74-131		5.65	30	
Methylcyclohexane	41		"	50.0		82.1	70-130		3.77	30	
Methylene chloride	39		"	50.0		78.5	57-141		8.12	30	
n-Butylbenzene	51		"	50.0		102	80-130		9.15	30	
n-Propylbenzene	49		"	50.0		97.4	74-136		9.03	30	
o-Xylene	46		"	50.0		91.3	83-123		5.31	30	
p- & m- Xylenes	90		"	100		90.2	82-128		5.16	30	
p-Isopropyltoluene	51		"	50.0		102	85-125		8.48	30	
sec-Butylbenzene	49		"	50.0		98.6	83-125		11.2	30	
Styrene	50		"	50.0		99.2	86-126		6.09	30	
tert-Butyl alcohol (TBA)	120		"	250		48.5	70-130	Low Bias	4.00	30	
tert-Butylbenzene	49		"	50.0		98.0	80-127		9.92	30	
Tetrachloroethylene	42		"	50.0		83.8	80-129		2.08	30	
Toluene	45		"	50.0		90.6	85-121		4.51	30	
trans-1,2-Dichloroethylene	38		"	50.0		75.8	72-132		10.1	30	
trans-1,3-Dichloropropylene	44		"	50.0		87.6	78-132		3.82	30	
trans-1,4-dichloro-2-butene	47		"	50.0		94.9	75-135		10.8	30	
Trichloroethylene	46		"	50.0		91.9	84-123		0.152	30	
Trichlorofluoromethane	36		"	50.0		71.6	62-140		6.07	30	
Vinyl Chloride	31		"	50.0		61.1	52-130		8.62	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.7*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.8*		*"*	*50.0*		*95.6*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41781 - EPA 3550C											
Blank (BH41781-BLK1) Blank									Prepared: 08/27/2024 Analyzed: 08/28/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41781 - EPA 3550C											
Blank (BH41781-BLK1) Blank									Prepared: 08/27/2024 Analyzed: 08/28/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.04*		"	*1.66*		*62.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.905*		"	*1.66*		*54.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.609*		"	*0.831*		*73.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.522*		"	*0.831*		*62.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.964*		"	*1.66*		*58.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.551*		"	*0.831*		*66.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41781 - EPA 3550C											
LCS (BH41781-BS1) LCS									Prepared: 08/27/2024 Analyzed: 08/28/2024		
1,1-Biphenyl	0.488	0.0416	mg/kg wet	0.831		58.8	18-111				
1,2,4,5-Tetrachlorobenzene	0.464	0.0830	"	0.831		55.9	21-131				
1,2,4-Trichlorobenzene	0.477	0.0416	"	0.831		57.4	10-140				
1,2-Dichlorobenzene	0.436	0.0416	"	0.831		52.4	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.487	0.0416	"	0.831		58.6	17-137				
1,3-Dichlorobenzene	0.457	0.0416	"	0.831		55.1	33-110				
1,4-Dichlorobenzene	0.470	0.0416	"	0.831		56.6	32-104				
2,3,4,6-Tetrachlorophenol	0.562	0.0830	"	0.831		67.7	30-130				
2,4,5-Trichlorophenol	0.529	0.0416	"	0.831		63.7	27-118				
2,4,6-Trichlorophenol	0.493	0.0416	"	0.831		59.3	31-120				
2,4-Dichlorophenol	0.491	0.0416	"	0.831		59.1	20-127				
2,4-Dimethylphenol	0.495	0.0416	"	0.831		59.6	14-132				
2,4-Dinitrophenol	0.319	0.0830	"	0.831		38.4	10-171				
2,4-Dinitrotoluene	0.591	0.0416	"	0.831		71.2	34-131				
2,6-Dinitrotoluene	0.589	0.0416	"	0.831		70.9	31-128				
2-Chloronaphthalene	0.483	0.0416	"	0.831		58.2	31-117				
2-Chlorophenol	0.492	0.0416	"	0.831		59.2	33-113				
2-Methylnaphthalene	0.464	0.0416	"	0.831		55.8	12-138				
2-Methylphenol	0.472	0.0416	"	0.831		56.8	10-136				
2-Nitroaniline	0.594	0.0830	"	0.831		71.5	27-132				
2-Nitrophenol	0.561	0.0416	"	0.831		67.6	17-129				
3- & 4-Methylphenols	0.393	0.0416	"	0.831		47.3	29-103				
3,3-Dichlorobenzidine	0.430	0.0416	"	0.831		51.7	22-149				
3-Nitroaniline	0.494	0.0830	"	0.831		59.5	20-133				
4,6-Dinitro-2-methylphenol	0.424	0.0830	"	0.831		51.1	10-143				
4-Bromophenyl phenyl ether	0.461	0.0416	"	0.831		55.5	29-120				
4-Chloro-3-methylphenol	0.519	0.0416	"	0.831		62.5	24-129				
4-Chloroaniline	0.378	0.0416	"	0.831		45.5	10-132				
4-Chlorophenyl phenyl ether	0.461	0.0416	"	0.831		55.6	27-124				
4-Nitroaniline	0.500	0.0830	"	0.831		60.2	16-128				
4-Nitrophenol	0.466	0.0830	"	0.831		56.1	10-141				
Acenaphthene	0.455	0.0416	"	0.831		54.8	30-121				
Acenaphthylene	0.453	0.0416	"	0.831		54.6	30-115				
Acetophenone	0.463	0.0416	"	0.831		55.7	20-112				
Aniline	0.338	0.166	"	0.831		40.7	10-119				
Anthracene	0.499	0.0416	"	0.831		60.0	34-118				
Atrazine	0.534	0.0416	"	0.831		64.3	26-112				
Benzaldehyde	0.360	0.0416	"	0.831		43.3	21-100				
Benzo(a)anthracene	0.472	0.0416	"	0.831		56.8	32-122				
Benzo(a)pyrene	0.455	0.0416	"	0.831		54.8	29-133				
Benzo(b)fluoranthene	0.478	0.0416	"	0.831		57.5	25-133				
Benzo(g,h,i)perylene	0.502	0.0416	"	0.831		60.4	10-143				
Benzo(k)fluoranthene	0.429	0.0416	"	0.831		51.7	25-128				
Benzoic acid	0.235	0.0416	"	0.831		28.3	10-140				
Benzyl alcohol	0.453	0.0416	"	0.831		54.6	30-115				
Benzyl butyl phthalate	0.528	0.0416	"	0.831		63.6	26-126				
Bis(2-chloroethoxy)methane	0.446	0.0416	"	0.831		53.7	19-132				
Bis(2-chloroethyl)ether	0.437	0.0416	"	0.831		52.6	19-125				
Bis(2-chloroisopropyl)ether	0.407	0.0416	"	0.831		49.0	20-135				
Bis(2-ethylhexyl)phthalate	0.530	0.0416	"	0.831		63.8	10-155				
Caprolactam	0.494	0.0830	"	0.831		59.5	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41781 - EPA 3550C											
LCS (BH41781-BS1) LCS							Prepared: 08/27/2024 Analyzed: 08/28/2024				
Carbazole	0.486	0.0416	mg/kg wet	0.831		58.6	35-123				
Chrysene	0.442	0.0416	"	0.831		53.2	32-123				
Dibenzo(a,h)anthracene	0.504	0.0416	"	0.831		60.7	10-136				
Dibenzofuran	0.475	0.0416	"	0.831		57.2	29-121				
Diethyl phthalate	0.491	0.0416	"	0.831		59.1	34-116				
Dimethyl phthalate	0.486	0.0416	"	0.831		58.5	35-124				
Di-n-butyl phthalate	0.523	0.0416	"	0.831		63.0	31-116				
Di-n-octyl phthalate	0.551	0.0416	"	0.831		66.4	26-136				
Diphenylamine	0.487	0.0830	"	0.831		58.6	40-140				
Fluoranthene	0.479	0.0416	"	0.831		57.7	33-122				
Fluorene	0.472	0.0416	"	0.831		56.8	29-123				
Hexachlorobenzene	0.548	0.0416	"	0.831		66.0	21-124				
Hexachlorobutadiene	0.471	0.0416	"	0.831		56.8	10-149				
Hexachlorocyclopentadiene	0.189	0.0416	"	0.831		22.8	10-129				
Hexachloroethane	0.460	0.0416	"	0.831		55.4	28-108				
Indeno(1,2,3-cd)pyrene	0.651	0.0416	"	0.831		78.4	10-135				
Isophorone	0.488	0.0416	"	0.831		58.8	20-132				
Naphthalene	0.474	0.0416	"	0.831		57.1	23-124				
Nitrobenzene	0.551	0.0416	"	0.831		66.4	13-132				
N-Nitrosodimethylamine	0.461	0.0416	"	0.831		55.6	11-129				
N-nitroso-di-n-propylamine	0.429	0.0416	"	0.831		51.6	24-119				
N-Nitrosodiphenylamine	0.472	0.0416	"	0.831		56.8	22-152				
Pentachlorophenol	0.155	0.0416	"	0.831		18.7	10-139				
Phenanthrene	0.494	0.0416	"	0.831		59.5	33-123				
Phenol	0.481	0.0416	"	0.831		57.9	23-115				
Pyrene	0.490	0.0416	"	0.831		59.0	32-130				
Surrogate: SURR: 2-Fluorophenol	*1.03*		"	*1.66*		*62.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.931*		"	*1.66*		*56.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.625*		"	*0.831*		*75.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.514*		"	*0.831*		*61.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.962*		"	*1.66*		*57.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.540*		"	*0.831*		*65.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41757 - EPA 3550C											
Blank (BH41757-BLK1) Blank								Prepared & Analyzed: 08/27/2024			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*292*		*"*	*495*		*59.0*	*39-127.5*				
LCS (BH41757-BS1) LCS								Prepared & Analyzed: 08/27/2024			
1,4-Dioxane	486	19.8	ug/kg	495		98.2	40-130				
Surrogate: 1,4-Dioxane-d8	*321*		*"*	*495*		*64.8*	*39-127.5*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
Blank (BH41764-BLK1) Blank									Prepared: 08/27/2024 Analyzed: 08/29/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.181	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.184	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.395	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.751	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.759	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.791	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.352	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.395	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.395	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.395	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.186	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.741	"								
HFPO-DA (Gen-X)	ND	0.791	"								
11CL-PF3OUdS	ND	0.747	"								
9CL-PF3ONS	ND	0.739	"								
ADONA	ND	0.747	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.988	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.94	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.94	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*3.70*		"	*2.30*		*161*	*25-150*				
Surrogate: M5PFHxA	*2.97*		"	*2.47*		*120*	*25-150*				
Surrogate: M4PFHpA	*4.28*		"	*2.47*		*173*	*25-150*				
Surrogate: M3PFHxS	*3.00*		"	*2.34*		*128*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.09*		"	*2.47*		*125*	*25-150*				
Surrogate: M6PFDA	*1.49*		"	*1.24*		*121*	*25-150*				
Surrogate: M7PFUdA	*1.39*		"	*1.24*		*113*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.23*		"	*1.24*		*99.7*	*25-150*				
Surrogate: M2PFTeDA	*1.12*		"	*1.24*		*90.7*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
Blank (BH41764-BLK1) Blank								Prepared: 08/27/2024 Analyzed: 08/29/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.180*		*ug/kg wet*	*9.88*		*1.82*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.62*		*"*	*2.37*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.74*		*"*	*4.94*		*95.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.52*		*"*	*2.47*		*102*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.45*		*"*	*4.94*		*110*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.88*		*"*	*4.94*		*119*	*25-150*				
Surrogate: M2-6:2 FTS	*4.83*		*"*	*4.70*		*103*	*25-200*				
Surrogate: M2-8:2 FTS	*5.04*		*"*	*4.74*		*106*	*25-200*				
Surrogate: M9PFNA	*1.41*		*"*	*1.24*		*114*	*25-150*				
Surrogate: M2-4:2 FTS	*5.79*		*"*	*4.63*		*125*	*25-150*				
Surrogate: d-N-MeFOSA	*1.91*		*"*	*2.47*		*77.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.72*		*"*	*2.47*		*69.5*	*25-150*				
Surrogate: M3HFPO-DA	*9.76*		*"*	*9.88*		*98.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*21.2*		*"*	*24.7*		*85.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.6*		*"*	*24.7*		*83.5*	*25-150*				
LCS (BH41764-BS1) LCS								Prepared: 08/27/2024 Analyzed: 08/29/2024			
Perfluorobutanesulfonic acid (PFBS)	3.48	0.175	ug/kg wet	3.49		99.8	50-150				
Perfluorohexanoic acid (PFHxA)	4.04	0.197	"	3.94		102	50-150				
Perfluoroheptanoic acid (PFHpA)	3.38	0.197	"	3.94		85.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.85	0.180	"	3.61		107	50-150				
Perfluorooctanoic acid (PFOA)	4.11	0.197	"	3.94		104	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.04	0.183	"	3.67		110	50-150				
Perfluorononanoic acid (PFNA)	4.31	0.197	"	3.94		109	50-150				
Perfluorodecanoic acid (PFDA)	4.44	0.197	"	3.94		113	50-150				
Perfluoroundecanoic acid (PFUnA)	4.36	0.197	"	3.94		111	50-150				
Perfluorododecanoic acid (PFDoA)	3.63	0.197	"	3.94		92.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.61	0.197	"	3.94		117	50-150				
Perfluorotetradecanoic acid (PFTA)	3.87	0.197	"	3.94		98.2	50-150				
N-MeFOSAA	4.15	0.197	"	3.94		105	50-150				
N-EtFOSAA	3.86	0.197	"	3.94		97.8	50-150				
Perfluoropentanoic acid (PFPeA)	8.29	0.394	"	7.89		105	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.55	0.197	"	3.94		89.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.02	0.197	"	3.77		107	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.80	0.190	"	3.81		99.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.1	0.750	"	15.0		101	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.6	0.757	"	15.1		103	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.0	0.789	"	15.8		94.8	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.50	0.351	"	7.02		107	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	10.4	0.394	"	7.89		132	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.784	0.394	"	7.89		9.94	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	9.41	0.394	"	7.89		119	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.05	0.185	"	3.71		109	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.2	0.740	"	14.8		103	50-150				
HFPO-DA (Gen-X)	10.1	0.789	"	7.89		128	50-150				
11CL-PF3OUdS	5.51	0.746	"	7.46		73.9	50-150				
9CL-PF3ONS	6.96	0.738	"	7.38		94.4	50-150				
ADONA	8.54	0.746	"	7.46		115	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
LCS (BH41764-BS1) LCS									Prepared: 08/27/2024 Analyzed: 08/29/2024		
Perfluorododecanesulfonic acid (PFDoS)	2.54	0.191	ug/kg wet	3.83		66.4	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.74	0.189	"	3.79		125	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	9.46	0.986	"	15.8		60.0	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	69.7	4.93	"	78.9		88.4	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	70.2	4.93	"	78.9		89.0	50-150				
N-MeFOSE	40.5	1.97	"	39.4		103	50-150				
N-MeFOSA	3.78	0.197	"	3.94		95.7	50-150				
N-EtFOSE	38.5	1.97	"	39.4		97.6	50-150				
N-EtFOSA	5.07	0.197	"	3.94		129	50-150				
Surrogate: M3PFBS	*3.57*		*"*	*2.30*		*155*	*25-150*				
Surrogate: M5PFHxA	*2.81*		*"*	*2.47*		*114*	*25-150*				
Surrogate: M4PFHpA	*3.85*		*"*	*2.47*		*156*	*25-150*				
Surrogate: M3PFHxS	*3.14*		*"*	*2.34*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.03*		*"*	*2.47*		*123*	*25-150*				
Surrogate: M6PFDA	*1.45*		*"*	*1.23*		*117*	*25-150*				
Surrogate: M7PFUdA	*1.31*		*"*	*1.23*		*106*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.15*		*"*	*1.23*		*93.2*	*25-150*				
Surrogate: M2PFTeDA	*0.945*		*"*	*1.23*		*76.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.295*		*"*	*9.86*		*2.99*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.33*		*"*	*2.36*		*98.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.53*		*"*	*4.93*		*91.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.43*		*"*	*2.47*		*98.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.55*		*"*	*4.93*		*113*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.23*		*"*	*4.93*		*106*	*25-150*				
Surrogate: M2-6:2 FTS	*6.07*		*"*	*4.69*		*129*	*25-200*				
Surrogate: M2-8:2 FTS	*6.21*		*"*	*4.73*		*131*	*25-200*				
Surrogate: M9PFNA	*1.41*		*"*	*1.23*		*115*	*25-150*				
Surrogate: M2-4:2 FTS	*7.19*		*"*	*4.63*		*155*	*25-150*				
Surrogate: d-N-MeFOSA	*2.37*		*"*	*2.47*		*96.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.79*		*"*	*2.47*		*72.8*	*25-150*				
Surrogate: M3HFPO-DA	*8.75*		*"*	*9.86*		*88.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.9*		*"*	*24.7*		*76.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.6*		*"*	*24.7*		*75.6*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
LCS (BH41764-BS2) LCS								Prepared: 08/27/2024 Analyzed: 08/29/2024			
Perfluorobutanesulfonic acid (PFBS)	0.696	0.177	ug/kg wet	0.708		98.3	50-150				
Perfluorohexanoic acid (PFHxA)	0.742	0.200	"	0.800		92.7	50-150				
Perfluoroheptanoic acid (PFHpA)	0.591	0.200	"	0.800		73.9	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.820	0.183	"	0.732		112	50-150				
Perfluorooctanoic acid (PFOA)	0.757	0.200	"	0.800		94.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.595	0.186	"	0.744		79.9	50-150				
Perfluorononanoic acid (PFNA)	0.845	0.200	"	0.800		106	50-150				
Perfluorodecanoic acid (PFDA)	0.770	0.200	"	0.800		96.3	50-150				
Perfluoroundecanoic acid (PFUnA)	0.847	0.200	"	0.800		106	50-150				
Perfluorododecanoic acid (PFDoA)	0.617	0.200	"	0.800		77.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.895	0.200	"	0.800		112	50-150				
Perfluorotetradecanoic acid (PFTA)	0.716	0.200	"	0.800		89.5	50-150				
N-MeFOSAA	0.735	0.200	"	0.800		91.9	50-150				
N-EtFOSAA	0.682	0.200	"	0.800		85.2	50-150				
Perfluoropentanoic acid (PFPeA)	1.53	0.400	"	1.60		95.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.744	0.200	"	0.800		93.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.694	0.200	"	0.764		90.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.699	0.193	"	0.772		90.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.69	0.760	"	3.04		121	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.73	0.768	"	3.07		89.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.07	0.800	"	3.20		95.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.39	0.356	"	1.42		97.9	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.70	0.400	"	1.60		106	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.148	0.400	"	1.60		9.23	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.77	0.400	"	1.60		110	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.774	0.188	"	0.752		103	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	3.01	0.750	"	3.00		100	50-150				
HFPO-DA (Gen-X)	1.39	0.800	"	1.60		87.2	50-150				
11CL-PF3OUdS	1.33	0.756	"	1.51		88.0	50-150				
9CL-PF3ONS	1.24	0.748	"	1.50		83.2	50-150				
ADONA	1.96	0.756	"	1.51		130	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.490	0.194	"	0.776		63.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.843	0.192	"	0.768		110	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.21	1.00	"	3.20		37.8	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	12.9	5.00	"	16.0		80.7	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	12.7	5.00	"	16.0		79.1	50-150				
N-MeFOSE	7.94	2.00	"	8.00		99.3	50-150				
N-MeFOSA	0.646	0.200	"	0.800		80.7	50-150				
N-EtFOSE	7.36	2.00	"	8.00		92.0	50-150				
N-EtFOSA	0.584	0.200	"	0.800		73.0	50-150				
Surrogate: M3PFBS	*2.81*		"	*2.33*		*121*	*25-150*				
Surrogate: M5PFHxA	*2.63*		"	*2.50*		*105*	*25-150*				
Surrogate: M4PFHpA	*3.54*		"	*2.50*		*142*	*25-150*				
Surrogate: M3PFHxS	*2.53*		"	*2.37*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.67*		"	*2.50*		*107*	*25-150*				
Surrogate: M6PFDA	*1.32*		"	*1.25*		*106*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.25*		*94.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.08*		"	*1.25*		*86.7*	*25-150*				
Surrogate: M2PFTeDA	*0.927*		"	*1.25*		*74.2*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
LCS (BH41764-BS2) LCS									Prepared: 08/27/2024 Analyzed: 08/29/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.290*		*ug/kg wet*	*10.0*		*2.90*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		*"*	*2.40*		*97.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.21*		*"*	*5.00*		*84.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.12*		*"*	*2.50*		*84.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.62*		*"*	*5.00*		*92.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.68*		*"*	*5.00*		*93.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.81*		*"*	*4.76*		*80.1*	*25-200*				
Surrogate: M2-8:2 FTS	*4.13*		*"*	*4.80*		*85.9*	*25-200*				
Surrogate: M9PFNA	*1.28*		*"*	*1.25*		*103*	*25-150*				
Surrogate: M2-4:2 FTS	*5.15*		*"*	*4.69*		*110*	*25-150*				
Surrogate: d-N-MeFOSA	*1.92*		*"*	*2.50*		*76.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.66*		*"*	*2.50*		*66.3*	*25-150*				
Surrogate: M3HFPO-DA	*8.38*		*"*	*10.0*		*83.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.4*		*"*	*25.0*		*61.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.2*		*"*	*25.0*		*60.8*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41587 - EPA 3550C											
Blank (BH41587-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0352*		*"*	*0.0664*		*53.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0439*		*"*	*0.0664*		*66.1*	*30-150*				
LCS (BH41587-BS1) LCS								Prepared & Analyzed: 08/23/2024			
4,4'-DDD	0.0223	0.00164	mg/kg wet	0.0332		67.2	40-140				
4,4'-DDE	0.0218	0.00164	"	0.0332		65.6	40-140				
4,4'-DDT	0.0247	0.00164	"	0.0332		74.3	40-140				
Aldrin	0.0236	0.00164	"	0.0332		71.0	40-140				
alpha-BHC	0.0243	0.00164	"	0.0332		73.1	40-140				
alpha-Chlordane	0.0247	0.00164	"	0.0332		74.4	40-140				
beta-BHC	0.0262	0.00164	"	0.0332		78.8	40-140				
delta-BHC	0.0228	0.00164	"	0.0332		68.6	40-140				
Dieldrin	0.0242	0.00164	"	0.0332		72.7	40-140				
Endosulfan I	0.0278	0.00164	"	0.0332		83.5	40-140				
Endosulfan II	0.0268	0.00164	"	0.0332		80.5	40-140				
Endosulfan sulfate	0.0244	0.00164	"	0.0332		73.5	40-140				
Endrin	0.0259	0.00164	"	0.0332		77.9	40-140				
Endrin aldehyde	0.0257	0.00164	"	0.0332		77.4	40-140				
Endrin ketone	0.0260	0.00164	"	0.0332		78.1	40-140				
gamma-BHC (Lindane)	0.0247	0.00164	"	0.0332		74.3	40-140				
gamma-Chlordane	0.0247	0.00164	"	0.0332		74.4	40-140				
Heptachlor	0.0272	0.00164	"	0.0332		81.9	40-140				
Heptachlor epoxide	0.0255	0.00164	"	0.0332		76.7	40-140				
Methoxychlor	0.0250	0.00164	"	0.0332		75.1	40-140				
Surrogate: Decachlorobiphenyl	*0.0401*		*"*	*0.0664*		*60.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0507*		*"*	*0.0664*		*76.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41614 - EPA 3550C											
Blank (BH41614-BLK1) Blank									Prepared: 08/24/2024 Analyzed: 08/26/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0406*		*"*	*0.0664*		*61.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0508*		*"*	*0.0664*		*76.4*	*30-150*				
LCS (BH41614-BS1) LCS									Prepared: 08/24/2024 Analyzed: 08/26/2024		
4,4'-DDD	0.0214	0.00164	mg/kg wet	0.0332		64.5	40-140				
4,4'-DDE	0.0215	0.00164	"	0.0332		64.8	40-140				
4,4'-DDT	0.0233	0.00164	"	0.0332		70.0	40-140				
Aldrin	0.0217	0.00164	"	0.0332		65.4	40-140				
alpha-BHC	0.0227	0.00164	"	0.0332		68.3	40-140				
alpha-Chlordane	0.0236	0.00164	"	0.0332		70.9	40-140				
beta-BHC	0.0252	0.00164	"	0.0332		75.9	40-140				
delta-BHC	0.0222	0.00164	"	0.0332		66.8	40-140				
Dieldrin	0.0229	0.00164	"	0.0332		68.9	40-140				
Endosulfan I	0.0257	0.00164	"	0.0332		77.3	40-140				
Endosulfan II	0.0248	0.00164	"	0.0332		74.7	40-140				
Endosulfan sulfate	0.0228	0.00164	"	0.0332		68.8	40-140				
Endrin	0.0244	0.00164	"	0.0332		73.4	40-140				
Endrin aldehyde	0.0249	0.00164	"	0.0332		75.0	40-140				
Endrin ketone	0.0242	0.00164	"	0.0332		72.8	40-140				
gamma-BHC (Lindane)	0.0232	0.00164	"	0.0332		69.7	40-140				
gamma-Chlordane	0.0235	0.00164	"	0.0332		70.7	40-140				
Heptachlor	0.0255	0.00164	"	0.0332		76.7	40-140				
Heptachlor epoxide	0.0242	0.00164	"	0.0332		72.7	40-140				
Methoxychlor	0.0239	0.00164	"	0.0332		71.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0378*		*"*	*0.0664*		*56.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0462*		*"*	*0.0664*		*69.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41587 - EPA 3550C											
Blank (BH41587-BLK2) Blank									Prepared: 08/23/2024 Analyzed: 08/26/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0465*		*"*	*0.0664*		*70.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0316*		*"*	*0.0664*		*47.5*	*30-140*				
LCS (BH41587-BS2) LCS									Prepared: 08/23/2024 Analyzed: 08/26/2024		
Aroclor 1016	0.254	0.0166	mg/kg wet	0.332		76.5	40-130				
Aroclor 1260	0.242	0.0166	"	0.332		72.9	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0475*		*"*	*0.0664*		*71.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0352*		*"*	*0.0664*		*53.0*	*30-140*				
Batch BH41614 - EPA 3550C											
Blank (BH41614-BLK2) Blank									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0568*		*"*	*0.0664*		*85.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0312*		*"*	*0.0664*		*47.0*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41614 - EPA 3550C											
LCS (BH41614-BS2) LCS									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aroclor 1016	0.298	0.0166	mg/kg wet	0.332		89.6	40-130				
Aroclor 1260	0.268	0.0166	"	0.332		80.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0548*		*"*	*0.0664*		*82.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0332*		*"*	*0.0664*		*50.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41755 - EPA 3550C/8151A											
Blank (BH41755-BLK1) Blank								Prepared & Analyzed: 08/27/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.357*		*"*	*0.415*		*86.0*	*21-150*				
LCS (BH41755-BS1) LCS								Prepared & Analyzed: 08/27/2024			
2,4,5-T	0.0723	0.0199	mg/kg wet	0.0664		109	10-120				
2,4,5-TP (Silvex)	0.0689	0.0199	"	0.0664		104	10-120				
2,4-D	0.0640	0.0199	"	0.0664		96.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.401*		*"*	*0.415*		*96.6*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41618 - EPA 3050B											
Blank (BH41618-BLK1) Blank									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BH41618-SRM1) Reference									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aluminum	7160	4.17	mg/kg wet	7680		93.2	46.7-129.9				
Antimony	74.8	2.08	"	257		29.1	1-100				
Arsenic	307	1.25	"	360		85.3	70.6-102.2				
Barium	288	2.08	"	332		86.6	75-108.1				
Beryllium	171	0.042	"	183		93.4	76.5-108.2				
Cadmium	207	0.250	"	238		86.9	73.5-105				
Calcium	5060	4.17	"	5490		92.2	77.2-110.9				
Chromium	184	0.417	"	199		92.7	73.4-107				
Cobalt	85.2	0.333	"	88.7		96.0	76.6-107.6				
Copper	229	1.67	"	227		101	74.9-105.7				
Iron	6450	20.8	"	7360		87.6	51.1-125.8				
Lead	91.7	0.417	"	100		91.7	75.9-110				
Magnesium	1780	4.17	"	1900		93.6	67.4-111.1				
Manganese	515	0.417	"	591		87.2	72.6-107.1				
Nickel	321	0.830	"	342		93.9	75.4-107.6				
Potassium	1370	4.17	"	1500		91.7	66.1-116.7				
Selenium	159	2.08	"	170		93.4	78.2-115.9				
Silver	75.1	0.420	"	88.6		84.8	73.9-112				
Sodium	615	41.7	"	527		117	68.5-115.9	High Bias			
Thallium	206	2.08	"	226		91.0	73.5-108.4				
Vanadium	106	0.830	"	118		89.7	68.1-106.8				
Zinc	167	2.08	"	183		91.2	72.7-109.3				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41703 - EPA 3050B											
Blank (BH41703-BLK1) Blank									Prepared: 08/26/2024 Analyzed: 08/27/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BH41703-SRM1) Reference									Prepared: 08/26/2024 Analyzed: 08/27/2024		
Aluminum	6320	4.17	mg/kg wet	7680		82.3	35.7-119				
Antimony	71.3	2.08	"	244		29.2	0-99.5				
Arsenic	238	1.25	"	283		84.0	69.9-101.4				
Barium	289	2.08	"	326		88.6	73.9-107.1				
Beryllium	148	0.042	"	175		84.4	75.4-107.4				
Cadmium	84.3	0.250	"	95.8		88.0	72.3-103.7				
Calcium	5140	4.17	"	5470		94.0	79.5-113.2				
Chromium	215	0.417	"	239		89.9	72.4-106.3				
Cobalt	142	0.333	"	150		94.5	76-107.3				
Copper	212	1.67	"	217		97.8	74.7-105.1				
Iron	6370	20.8	"	7360		86.6	53-127.9				
Lead	196	0.417	"	210		93.2	75.7-109.5				
Magnesium	1910	4.17	"	2080		91.6	67.3-111.1				
Manganese	249	0.417	"	290		86.0	73.4-108.3				
Nickel	312	0.830	"	329		94.9	74.5-106.7				
Potassium	2120	4.17	"	2330		91.0	60.9-111.6				
Selenium	261	2.08	"	281		93.0	77.6-116.7				
Silver	75.4	0.420	"	82.7		91.1	73.7-111.7				
Sodium	784	41.7	"	427		184	71.2-118.7	High Bias			
Thallium	108	2.08	"	123		87.6	70.2-104.8				
Vanadium	168	0.830	"	192		87.4	68.8-107.8				
Zinc	234	2.08	"	260		90.1	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41593 - EPA 7473 soil											
Blank (BH41593-BLK1) Blank									Prepared: 08/23/2024 Analyzed: 08/24/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH41593-SRM1) Reference									Prepared: 08/23/2024 Analyzed: 08/24/2024		
Mercury	19.735		mg/kg	18.2		108	59.9-140.1				
Batch BH41697 - EPA 7473 soil											
Blank (BH41697-BLK1) Blank									Prepared: 08/26/2024 Analyzed: 08/27/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH41697-SRM1) Reference									Prepared: 08/26/2024 Analyzed: 08/27/2024		
Mercury	15.724		mg/kg	18.2		86.4	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41705 - Analysis Preparation Soil											
Blank (BH41705-BLK1) Blank									Prepared & Analyzed: 08/26/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH41705-SRM1) Reference									Prepared & Analyzed: 08/26/2024		
Cyanide, total	43.2		ug/mL	59.7		72.4	38.5-161.4				
Batch BH41748 - Analysis Preparation Soil											
Blank (BH41748-BLK1) Blank									Prepared & Analyzed: 08/27/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH41748-SRM1) Reference									Prepared & Analyzed: 08/27/2024		
Cyanide, total	49.6		ug/mL	59.7		83.0	38.5-161.4				
Batch BH41875 - EPA SW846-3060											
Blank (BH41875-BLK1) Blank									Prepared & Analyzed: 08/28/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BH41875-SRM1) Reference									Prepared & Analyzed: 08/28/2024		
Chromium, Hexavalent	242		mg/L	227		107	42.3-157.7				
Batch BH41900 - EPA SW846-3060											
Blank (BH41900-BLK1) Blank									Prepared & Analyzed: 08/28/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41900 - EPA SW846-3060											
Reference (BH41900-SRM1) Reference									Prepared & Analyzed: 08/28/2024		
Chromium, Hexavalent	199		mg/L	227		87.8	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41572 - % Solids Prep											
Duplicate (BH41572-DUP1) Duplicate	*Source sample: 24H1562-03 (PE21_15)								Prepared & Analyzed: 08/23/2024		
% Solids	74.9	0.100	%		73.6				1.77	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H1562-01	DUP-1_08222024	40mL Vial with Stir Bar-Cool 4° C
24H1562-02	TB_08222024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H1562-03	PE21_15	40mL Vial with Stir Bar-Cool 4° C
24H1562-04	PE29_15	40mL Vial with Stir Bar-Cool 4° C
24H1562-05	PE38_16	40mL Vial with Stir Bar-Cool 4° C
24H1562-06	PE39_16	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: Per client request, the following sample IDs were updated to remove the dash after PE in the ID nomenclature.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24H1562

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address: Same
Phone.: 973 560 4900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: LKott@langan.com	E-mail:

YOUR Project Name / Number: 1209B Flatlands Avenue 100688801

PO Number:

Samples Collected From: NY ✓ | NJ | CT | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) ✓ | PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Kyle S. Godfrey

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOAs	VOCs	SVOCs	Pesticides/Herbicides	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp.
DUP01-08222024	8/22	10:00	Soil	3									1	X								G
TB-08222024		10:00	LIQ		2								1	X								G
~~MS/MSD-08222024~~ KSG		~~10:00~~	~~Soil~~	~~3~~									1	X	X	X	X	X	X	X	X	G
PE-21-15		10:30		3									1	X	X	X	X	X	X	X	X	G
PE-29-15		10:50		3									1	X	X	X	X	X	X	X	X	G
PE-38-15		10:20		3									1	X	X	X	X	X	X	X	X	G
PE-39-16		~~10:50~~ 9:58		3									1	X	X	X	X	X	X	X	X	G
~~FB01-08222024~~ KSG	↓	~~11:50~~	~~LIQ~~																			

Analyses Requested

Report Type (circle): QA Report | ~~Summary~~ (Results Only) | NY ASP B Package | NJ Reduced | NJ DKQP | NJ Full | CT RCP

EDD Type (circle): EQuIS (standard) | NYSDEC EQuIS | NJDEP SRP Haz Site | Standard Excel | CMDP | Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered | Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y LN Containers Intact: ~~Y~~ / N COC/Labels Agree: ~~Y~~ / N Preservation Confirmed: ~~Y~~ / N

COC Complete: ~~Y~~ / N COC Received: ~~Y~~ / N Appropriate Sample Volumes: ~~Y~~ / N Appropriate Sample Containers: ~~Y~~ / N

Cooler Temperature Confirmed: ~~Y~~ / N Samples Submitted within Holding Times: ~~Y~~ / N Corrective Action Form Required: Y LN

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Kyle S. Godfrey LANGAN	8/22 14:20	Thomas Huber / Yorklab	8/22/24 1420	Thomas Huber / Yorklab	8/22/24 1545
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
YRK	8/22/24 1545 4.1C	YRK	8/22/24 RSO	Ramon Duran	8/22/24 1840
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
Ramon Duran	8/22/24 20:25			Mavara	8/22/24 1.7 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1664

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1664

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 23, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H1664-01	TB-08232024	Water	08/23/2024	08/23/2024
24H1664-02	PE4_15	Soil	08/23/2024	08/23/2024
24H1664-03	PE5_15	Soil	08/23/2024	08/23/2024

General Notes for York Project (SDG) No.: 24H1664

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 09/09/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: TB-08232024 **York Sample ID:** 24H1664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Water	August 23, 2024 9:40 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	**1,2,3-Trichlorobenzene**	**0.26**	J	ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB-08232024 **York Sample ID:** 24H1664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Water	August 23, 2024 9:40 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**1.6**		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB-08232024 **York Sample ID:** 24H1664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Water	August 23, 2024 9:40 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE	ug/L	0.50	1.0	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB-08232024 **York Sample ID:** 24H1664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Water	August 23, 2024 9:40 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*89.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*119 %*	*79-122*

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.033	0.067	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0033	0.0067	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	ICVE	mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	ICVE, QL-02	mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	ICVE	mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.203	0.406	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.203	0.406	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.0673**	J	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0624**	J, CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*37.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*40.0 %*	*23-114*

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*42.9 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*51.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*39.1 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	08/25/2024 08:49	08/26/2024 12:26	LL
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*70.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.136	0.216	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0648	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.128	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.219	0.224	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.210	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.204	0.227	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.231	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.233	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.242	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.199	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.153	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.126	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.181	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.237	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.133	0.489	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.178	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.189	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.233	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.727	0.929	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.923	0.939	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.133	0.978	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.170	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.236	0.489	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0758	0.489	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.117	0.489	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.192	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.727	0.917	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.743	0.978	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.380	0.924	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.301	0.914	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.213	0.924	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.207	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.152	0.235	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L	ug/kg dry	0.775	1.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.56	6.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.83	6.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.747	2.44	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.220	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.852	2.44	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.242	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*145 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*117 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*177 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*124 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*125 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*130 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*117 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*92.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.62 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*132 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*104 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*98.0 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*116 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*121 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*95.5 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*93.3 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*121 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*135 %*		*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*93.8 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*60.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*62.5 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*70.3 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*66.4 %*		*25-150*

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0404	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0204	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0204	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0204	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0204	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0204	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0204	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0204	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0204	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:13	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*97.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0245	1	EPA 8151A	08/28/2024 14:52	08/29/2024 18:10	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0245	1	EPA 8151A	08/28/2024 14:52	08/29/2024 18:10	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0245	1	EPA 8151A	08/28/2024 14:52	08/29/2024 18:10	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*103 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7730**		mg/kg dry	5.13	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.57	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.77**		mg/kg dry	1.54	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**45.5**		mg/kg dry	2.56	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.277**		mg/kg dry	0.052	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.308	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2510**		mg/kg dry	5.13	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.1**		mg/kg dry	0.514	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.84**		mg/kg dry	0.410	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**18.1**		mg/kg dry	2.05	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**7660**		mg/kg dry	25.7	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**25.9**		mg/kg dry	0.514	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1220**		mg/kg dry	5.14	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**74.6**		mg/kg dry	0.514	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**10.0**		mg/kg dry	1.02	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**528**		mg/kg dry	5.14	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.57	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.517	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**105**		mg/kg dry	51.3	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.57	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.6**		mg/kg dry	1.02	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**42.4**		mg/kg dry	2.56	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.449**		mg/kg dry	0.0370	1	EPA 7473	08/24/2024 08:59	08/26/2024 14:58	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.616	1	EPA 7196A	08/26/2024 09:16	08/26/2024 18:34	AD
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.1**		mg/kg	0.500	1	Calculation	08/30/2024 15:20	08/30/2024 15:24	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.616	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.2**		%	0.100	1	SM 2540G	08/26/2024 07:09	08/26/2024 10:48	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.028	0.057	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0089**		mg/kg dry	0.0028	0.0057	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0043**		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	ICVE	mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	ICVE, QL-02	mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	ICVE	mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND	CCVE	mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	CCVE	mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.196	0.392	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.196	0.392	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND	CCVE	mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND	CCVE	mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*40.0 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*41.2 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*44.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*45.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*55.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*42.3 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/25/2024 08:49	08/26/2024 12:44	LL
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*75.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0626	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.212	0.216	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.203	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.197	0.220	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.223	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.226	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.234	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.193	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.148	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.122	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.175	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.229	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.129	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.173	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.183	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.226	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.703	0.898	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.892	0.908	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.129	0.946	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.164	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.228	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0733	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.113	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.186	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.703	0.886	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.719	0.946	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.368	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.291	0.884	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.206	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.200	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.147	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L	ug/kg dry	0.749	1.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.48	5.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.77	5.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.722	2.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.213	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.824	2.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.234	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*159 %*	PFSu-H	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*97.2 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*146 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*142 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*109 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*106 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*116 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*107 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*79.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*67.6 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*108 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*97.2 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*89.4 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*99.7 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*104 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*118 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*125 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*117 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*146 %*		*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*52.0 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*51.9 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*48.8 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*64.9 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*59.6 %*		*25-150*

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0390	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:27	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.5 %*	*30-140*

Herbicides, Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0236	1	EPA 8151A	08/28/2024 14:52	08/29/2024 18:17	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0236	1	EPA 8151A	08/28/2024 14:52	08/29/2024 18:17	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0236	1	EPA 8151A	08/28/2024 14:52	08/29/2024 18:17	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*89.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7380**		mg/kg dry	4.95	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.48	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.22**		mg/kg dry	1.49	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**12.8**		mg/kg dry	2.47	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.168**		mg/kg dry	0.050	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.297	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**596**		mg/kg dry	4.95	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.3**		mg/kg dry	0.496	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.29**		mg/kg dry	0.396	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**7.73**		mg/kg dry	1.98	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**9660**		mg/kg dry	24.8	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**9.79**		mg/kg dry	0.496	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1360**		mg/kg dry	4.96	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**55.4**		mg/kg dry	0.496	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**10.7**		mg/kg dry	0.987	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**439**		mg/kg dry	4.96	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.48	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.499	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	ND		mg/kg dry	49.5	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.48	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.8**		mg/kg dry	0.987	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**20.9**		mg/kg dry	2.47	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.145**		mg/kg dry	0.0357	1	EPA 7473	08/24/2024 08:59	08/26/2024 14:58	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.595	1	EPA 7196A	08/26/2024 09:16	08/26/2024 18:34	AD
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**13.3**		mg/kg	0.500	1	Calculation	08/30/2024 15:20	08/30/2024 15:24	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.595	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.1**		%	0.100	1	SM 2540G	08/26/2024 07:09	08/26/2024 10:48	HLY
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BH41614 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/24/24
24H1664-02	PE4_15	08/24/24
24H1664-03	PE5_15	08/24/24
24H1664-03	PE5_15	08/24/24
BH41614-BLK1	Blank	08/24/24
BH41614-BLK2	Blank	08/24/24
BH41614-BS1	LCS	08/24/24
BH41614-BS2	LCS	08/24/24

Batch ID: BH41615 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/24/24
24H1664-03	PE5_15	08/24/24
BH41615-BLK1	Blank	08/24/24
BH41615-SRM1	Reference	08/24/24

Batch ID: BH41618 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/24/24
24H1664-03	PE5_15	08/24/24
BH41618-BLK1	Blank	08/24/24
BH41618-DUP1	Duplicate	08/24/24
BH41618-MS1	Matrix Spike	08/24/24
BH41618-PS1	Post Spike	08/24/24
BH41618-SRM1	Reference	08/24/24

Batch ID: BH41627 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/25/24
24H1664-03	PE5_15	08/25/24
BH41627-BLK1	Blank	08/25/24
BH41627-BS1	LCS	08/25/24

Batch ID: BH41629 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/25/24
24H1664-03	PE5_15	08/25/24
BH41629-BLK1	Blank	08/25/24
BH41629-BS1	LCS	08/25/24

BH41629-MS1	Matrix Spike	08/25/24
BH41629-MSD1	Matrix Spike Dup	08/25/24

Batch ID: BH41636 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/26/24
24H1664-03	PE5_15	08/26/24

Batch ID: BH41640 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/26/24
24H1664-03	PE5_15	08/26/24
BH41640-BLK1	Blank	08/26/24
BH41640-SRM1	Reference	08/26/24

Batch ID: BH41671 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/26/24
24H1664-03	PE5_15	08/26/24
BH41671-BLK1	Blank	08/26/24
BH41671-SRM1	Reference	08/26/24

Batch ID: BH41717 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-01	TB-08232024	08/26/24
BH41717-BLK1	Blank	08/26/24
BH41717-BS1	LCS	08/26/24
BH41717-BSD1	LCS Dup	08/26/24

Batch ID: BH41764 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/27/24
24H1664-03	PE5_15	08/27/24
BH41764-BLK1	Blank	08/27/24
BH41764-BS1	LCS	08/27/24
BH41764-BS2	LCS	08/27/24

Batch ID: BH41808 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/26/24
24H1664-03	PE5_15	08/26/24

BH41808-BLK1	Blank	08/26/24
BH41808-BS1	LCS	08/26/24
BH41808-BSD1	LCS Dup	08/26/24

Batch ID: BH41903 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/28/24
24H1664-03	PE5_15	08/28/24
BH41903-BLK1	Blank	08/28/24
BH41903-BS1	LCS	08/28/24

Batch ID: BH42106 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/30/24
24H1664-03	PE5_15	08/30/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41717 - EPA 5030B											
Blank (BH41717-BLK1) Blank									Prepared & Analyzed: 08/26/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41717 - EPA 5030B											
Blank (BH41717-BLK1) Blank								Prepared & Analyzed: 08/26/2024			
n-Butylbenzene	ND	0.50	ug/L								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.47*		*"*	*10.0*		*94.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				
LCS (BH41717-BS1) LCS								Prepared & Analyzed: 08/26/2024			
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		100	82-126				
1,1,1-Trichloroethane	9.4		"	10.0		94.3	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		108	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.7		"	10.0		96.8	54-165				
1,1,2-Trichloroethane	9.7		"	10.0		96.8	82-123				
1,1-Dichloroethane	9.5		"	10.0		95.3	82-129				
1,1-Dichloroethylene	9.9		"	10.0		98.8	68-138				
1,2,3-Trichlorobenzene	9.1		"	10.0		91.0	40-130				
1,2,3-Trichloropropane	13		"	10.0		126	77-128				
1,2,4-Trichlorobenzene	8.5		"	10.0		85.4	65-137				
1,2,4-Trimethylbenzene	11		"	10.0		114	82-132				
1,2-Dibromo-3-chloropropane	13		"	10.0		126	45-147				
1,2-Dibromoethane	9.4		"	10.0		93.9	83-124				
1,2-Dichlorobenzene	9.9		"	10.0		99.2	79-123				
1,2-Dichloroethane	9.6		"	10.0		96.1	73-132				
1,2-Dichloropropane	10		"	10.0		102	78-126				
1,3,5-Trimethylbenzene	12		"	10.0		117	80-131				
1,3-Dichlorobenzene	10		"	10.0		102	86-130				
1,4-Dichlorobenzene	9.8		"	10.0		98.2	85-130				
1,4-Dioxane	180		"	210		85.9	10-349				
2-Butanone	7.8		"	10.0		77.9	49-152				
2-Hexanone	9.7		"	10.0		96.7	51-146				
4-Methyl-2-pentanone	7.9		"	10.0		79.2	57-145				
Acetone	9.1		"	10.0		91.2	14-150				
Acrolein	3.8		"	10.0		38.5	10-153				
Acrylonitrile	8.5		"	10.0		85.4	51-150				
Benzene	9.9		"	10.0		99.1	85-126				
Bromochloromethane	9.2		"	10.0		92.2	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41717 - EPA 5030B											
LCS (BH41717-BS1) LCS							Prepared & Analyzed: 08/26/2024				
Bromodichloromethane	9.8		ug/L	10.0		97.9	79-128				
Bromoform	9.1		"	10.0		91.1	78-133				
Bromomethane	8.3		"	10.0		83.2	43-168				
Carbon disulfide	9.0		"	10.0		89.5	68-146				
Carbon tetrachloride	9.8		"	10.0		97.5	77-141				
Chlorobenzene	9.7		"	10.0		97.2	88-120				
Chloroethane	8.2		"	10.0		81.5	65-136				
Chloroform	9.6		"	10.0		95.9	82-128				
Chloromethane	6.4		"	10.0		64.5	43-155				
cis-1,2-Dichloroethylene	9.7		"	10.0		97.1	83-129				
cis-1,3-Dichloropropylene	9.6		"	10.0		96.3	80-131				
Cyclohexane	8.5		"	10.0		84.8	63-149				
Dibromochloromethane	9.5		"	10.0		95.0	80-130				
Dibromomethane	9.2		"	10.0		92.5	72-134				
Dichlorodifluoromethane	4.0		"	10.0		39.9	44-144	Low Bias			
Ethyl Benzene	11		"	10.0		106	80-131				
Hexachlorobutadiene	10		"	10.0		101	67-146				
Isopropylbenzene	12		"	10.0		119	76-140				
Methyl acetate	8.9		"	10.0		89.4	51-139				
Methyl tert-butyl ether (MTBE)	9.6		"	10.0		95.7	76-135				
Methylcyclohexane	10		"	10.0		105	72-143				
Methylene chloride	9.3		"	10.0		93.0	55-137				
n-Butylbenzene	12		"	10.0		117	79-132				
n-Propylbenzene	12		"	10.0		119	78-133				
o-Xylene	10		"	10.0		100	78-130				
p- & m- Xylenes	21		"	20.0		104	77-133				
p-Isopropyltoluene	12		"	10.0		121	81-136				
sec-Butylbenzene	12		"	10.0		119	79-137				
Styrene	10		"	10.0		102	67-132				
tert-Butyl alcohol (TBA)	14		"	50.0		28.7	25-162				
tert-Butylbenzene	11		"	10.0		108	77-138				
Tetrachloroethylene	9.6		"	10.0		96.4	82-131				
Toluene	10		"	10.0		102	80-127				
trans-1,2-Dichloroethylene	9.5		"	10.0		94.9	80-132				
trans-1,3-Dichloropropylene	8.4		"	10.0		84.5	78-131				
trans-1,4-dichloro-2-butene	11		"	10.0		105	63-141				
Trichloroethylene	9.9		"	10.0		99.3	82-128				
Trichlorofluoromethane	8.3		"	10.0		83.1	67-139				
Vinyl Chloride	7.3		"	10.0		72.7	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.43*		*"*	*10.0*		*94.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41717 - EPA 5030B											
LCS Dup (BH41717-BSD1) LCS Dup								Prepared & Analyzed: 08/26/2024			
1,1,1,2-Tetrachloroethane	9.8		ug/L	10.0		97.9	82-126		2.62	30	
1,1,1-Trichloroethane	9.2		"	10.0		91.9	78-136		2.58	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		102	76-129		5.81	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.3		"	10.0		93.1	54-165		3.90	30	
1,1,2-Trichloroethane	9.6		"	10.0		96.4	82-123		0.414	30	
1,1-Dichloroethane	9.2		"	10.0		92.2	82-129		3.31	30	
1,1-Dichloroethylene	9.5		"	10.0		95.0	68-138		3.92	30	
1,2,3-Trichlorobenzene	11		"	10.0		109	40-130		18.2	30	
1,2,3-Trichloropropane	12		"	10.0		115	77-128		9.04	30	
1,2,4-Trichlorobenzene	8.9		"	10.0		88.8	65-137		3.90	30	
1,2,4-Trimethylbenzene	11		"	10.0		106	82-132		6.80	30	
1,2-Dibromo-3-chloropropane	12		"	10.0		120	45-147		5.37	30	
1,2-Dibromoethane	9.2		"	10.0		91.8	83-124		2.26	30	
1,2-Dichlorobenzene	9.3		"	10.0		92.8	79-123		6.67	30	
1,2-Dichloroethane	9.5		"	10.0		94.9	73-132		1.26	30	
1,2-Dichloropropane	10		"	10.0		101	78-126		0.986	30	
1,3,5-Trimethylbenzene	11		"	10.0		109	80-131		6.80	30	
1,3-Dichlorobenzene	9.6		"	10.0		96.5	86-130		5.74	30	
1,4-Dichlorobenzene	9.4		"	10.0		94.1	85-130		4.26	30	
1,4-Dioxane	210		"	210		101	10-349		16.2	30	
2-Butanone	6.9		"	10.0		69.2	49-152		11.8	30	
2-Hexanone	9.9		"	10.0		99.0	51-146		2.35	30	
4-Methyl-2-pentanone	8.3		"	10.0		82.8	57-145		4.44	30	
Acetone	9.0		"	10.0		90.3	14-150		0.992	30	
Acrolein	3.8		"	10.0		37.6	10-153		2.37	30	
Acrylonitrile	8.5		"	10.0		85.4	51-150		0.00	30	
Benzene	9.6		"	10.0		96.5	85-126		2.66	30	
Bromochloromethane	9.3		"	10.0		93.1	77-128		0.971	30	
Bromodichloromethane	9.7		"	10.0		97.3	79-128		0.615	30	
Bromoform	8.6		"	10.0		85.5	78-133		6.34	30	
Bromomethane	8.0		"	10.0		80.2	43-168		3.67	30	
Carbon disulfide	8.8		"	10.0		88.2	68-146		1.46	30	
Carbon tetrachloride	9.5		"	10.0		94.9	77-141		2.70	30	
Chlorobenzene	9.5		"	10.0		95.3	88-120		1.97	30	
Chloroethane	7.9		"	10.0		79.3	65-136		2.74	30	
Chloroform	9.4		"	10.0		94.4	82-128		1.58	30	
Chloromethane	6.2		"	10.0		61.9	43-155		4.11	30	
cis-1,2-Dichloroethylene	9.5		"	10.0		94.8	83-129		2.40	30	
cis-1,3-Dichloropropylene	9.3		"	10.0		93.3	80-131		3.16	30	
Cyclohexane	8.2		"	10.0		81.6	63-149		3.85	30	
Dibromochloromethane	9.4		"	10.0		93.7	80-130		1.38	30	
Dibromomethane	9.1		"	10.0		91.2	72-134		1.42	30	
Dichlorodifluoromethane	3.8		"	10.0		38.4	44-144	Low Bias	3.83	30	
Ethyl Benzene	10		"	10.0		103	80-131		2.97	30	
Hexachlorobutadiene	10		"	10.0		103	67-146		2.06	30	
Isopropylbenzene	11		"	10.0		109	76-140		8.70	30	
Methyl acetate	9.2		"	10.0		92.4	51-139		3.30	30	
Methyl tert-butyl ether (MTBE)	9.9		"	10.0		98.6	76-135		2.99	30	
Methylcyclohexane	10		"	10.0		99.6	72-143		5.09	30	
Methylene chloride	9.2		"	10.0		91.9	55-137		1.19	30	
n-Butylbenzene	11		"	10.0		108	79-132		7.29	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41717 - EPA 5030B											
LCS Dup (BH41717-BSD1) LCS Dup								Prepared & Analyzed: 08/26/2024			
n-Propylbenzene	11		ug/L	10.0		110	78-133		7.85	30	
o-Xylene	9.9		"	10.0		99.1	78-130		1.30	30	
p- & m- Xylenes	20		"	20.0		102	77-133		2.13	30	
p-Isopropyltoluene	11		"	10.0		111	81-136		9.06	30	
sec-Butylbenzene	11		"	10.0		110	79-137		8.20	30	
Styrene	10		"	10.0		100	67-132		2.27	30	
tert-Butyl alcohol (TBA)	15		"	50.0		29.8	25-162		3.83	30	
tert-Butylbenzene	9.9		"	10.0		99.1	77-138		8.59	30	
Tetrachloroethylene	9.4		"	10.0		93.8	82-131		2.73	30	
Toluene	9.9		"	10.0		99.1	80-127		3.37	30	
trans-1,2-Dichloroethylene	9.3		"	10.0		93.1	80-132		1.91	30	
trans-1,3-Dichloropropylene	8.4		"	10.0		83.7	78-131		0.951	30	
trans-1,4-dichloro-2-butene	11		"	10.0		106	63-141		0.474	30	
Trichloroethylene	9.7		"	10.0		96.9	82-128		2.45	30	
Trichlorofluoromethane	8.1		"	10.0		81.1	67-139		2.44	30	
Vinyl Chloride	6.9		"	10.0		69.1	58-145		5.08	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.57*		*"*	*10.0*		*95.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				
Batch BH41808 - EPA 5035A											
Blank (BH41808-BLK1) Blank								Prepared & Analyzed: 08/26/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41808 - EPA 5035A											
Blank (BH41808-BLK1) Blank									Prepared & Analyzed: 08/26/2024		
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41808 - EPA 5035A											
LCS (BH41808-BS1) LCS							Prepared & Analyzed: 08/26/2024				
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	45		"	50.0		89.7	71-137				
1,1,2,2-Tetrachloroethane	51		"	50.0		101	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40		"	50.0		80.1	58-146				
1,1,2-Trichloroethane	51		"	50.0		103	83-123				
1,1-Dichloroethane	44		"	50.0		88.0	75-130				
1,1-Dichloroethylene	43		"	50.0		85.4	64-137				
1,2,3-Trichlorobenzene	49		"	50.0		98.0	81-140				
1,2,3-Trichloropropane	51		"	50.0		103	81-126				
1,2,4-Trichlorobenzene	47		"	50.0		94.5	80-141				
1,2,4-Trimethylbenzene	51		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	50		"	50.0		101	74-142				
1,2-Dibromoethane	51		"	50.0		102	86-123				
1,2-Dichlorobenzene	47		"	50.0		94.5	85-122				
1,2-Dichloroethane	46		"	50.0		92.7	71-133				
1,2-Dichloropropane	51		"	50.0		101	81-122				
1,3,5-Trimethylbenzene	50		"	50.0		99.2	82-126				
1,3-Dichlorobenzene	47		"	50.0		94.1	84-124				
1,4-Dichlorobenzene	48		"	50.0		95.8	84-124				
1,4-Dioxane	420		"	1050		39.8	10-228				
2-Butanone	58		"	50.0		117	58-147				
2-Hexanone	51		"	50.0		102	70-139				
4-Methyl-2-pentanone	50		"	50.0		100	72-132				
Acetone	37		"	50.0		75.0	36-155				
Acrolein	7.2		"	50.0		14.4	10-238				
Acrylonitrile	51		"	50.0		102	66-141				
Benzene	48		"	50.0		96.3	77-127				
Bromochloromethane	47		"	50.0		93.2	74-129				
Bromodichloromethane	49		"	50.0		98.7	81-124				
Bromoform	53		"	50.0		106	80-136				
Bromomethane	33		"	50.0		66.0	32-177				
Carbon disulfide	39		"	50.0		77.4	10-136				
Carbon tetrachloride	46		"	50.0		92.4	66-143				
Chlorobenzene	48		"	50.0		95.1	86-120				
Chloroethane	35		"	50.0		70.5	51-142				
Chloroform	47		"	50.0		93.7	76-131				
Chloromethane	29		"	50.0		57.1	49-132				
cis-1,2-Dichloroethylene	41		"	50.0		82.0	74-132				
cis-1,3-Dichloropropylene	51		"	50.0		102	81-129				
Cyclohexane	44		"	50.0		88.6	70-130				
Dibromochloromethane	50		"	50.0		99.1	10-200				
Dibromomethane	48		"	50.0		95.6	83-124				
Dichlorodifluoromethane	12		"	50.0		24.5	28-158	Low Bias			
Ethyl Benzene	49		"	50.0		98.6	84-125				
Hexachlorobutadiene	49		"	50.0		98.2	83-133				
Isopropylbenzene	49		"	50.0		98.1	81-127				
Methyl acetate	48		"	50.0		96.5	41-143				
Methyl tert-butyl ether (MTBE)	49		"	50.0		97.9	74-131				
Methylcyclohexane	45		"	50.0		90.0	70-130				
Methylene chloride	43		"	50.0		85.3	57-141				
n-Butylbenzene	48		"	50.0		97.0	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41808 - EPA 5035A											
LCS (BH41808-BS1) LCS							Prepared & Analyzed: 08/26/2024				
n-Propylbenzene	49		ug/L	50.0		98.7	74-136				
o-Xylene	48		"	50.0		96.7	83-123				
p- & m- Xylenes	98		"	100		97.9	82-128				
p-Isopropyltoluene	50		"	50.0		99.8	85-125				
sec-Butylbenzene	50		"	50.0		99.5	83-125				
Styrene	51		"	50.0		101	86-126				
tert-Butyl alcohol (TBA)	250		"	250		99.9	70-130				
tert-Butylbenzene	48		"	50.0		96.3	80-127				
Tetrachloroethylene	42		"	50.0		84.7	80-129				
Toluene	47		"	50.0		94.2	85-121				
trans-1,2-Dichloroethylene	43		"	50.0		86.7	72-132				
trans-1,3-Dichloropropylene	48		"	50.0		95.6	78-132				
trans-1,4-dichloro-2-butene	54		"	50.0		107	75-135				
Trichloroethylene	49		"	50.0		97.8	84-123				
Trichlorofluoromethane	34		"	50.0		68.1	62-140				
Vinyl Chloride	29		"	50.0		57.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.8*	*76-130*				
LCS Dup (BH41808-BSD1) LCS Dup							Prepared & Analyzed: 08/26/2024				
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		100	75-129		1.66	30	
1,1,1-Trichloroethane	44		"	50.0		88.1	71-137		1.78	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		106	79-129		4.22	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41		"	50.0		81.7	58-146		2.03	30	
1,1,2-Trichloroethane	53		"	50.0		105	83-123		2.50	30	
1,1-Dichloroethane	44		"	50.0		88.7	75-130		0.747	30	
1,1-Dichloroethylene	43		"	50.0		86.2	64-137		0.909	30	
1,2,3-Trichlorobenzene	50		"	50.0		100	81-140		2.32	30	
1,2,3-Trichloropropane	53		"	50.0		107	81-126		3.63	30	
1,2,4-Trichlorobenzene	52		"	50.0		104	80-141		9.16	30	
1,2,4-Trimethylbenzene	53		"	50.0		105	84-125		4.18	30	
1,2-Dibromo-3-chloropropane	52		"	50.0		104	74-142		3.24	30	
1,2-Dibromoethane	50		"	50.0		100	86-123		1.46	30	
1,2-Dichlorobenzene	51		"	50.0		101	85-122		6.85	30	
1,2-Dichloroethane	48		"	50.0		95.1	71-133		2.64	30	
1,2-Dichloropropane	53		"	50.0		105	81-122		3.97	30	
1,3,5-Trimethylbenzene	51		"	50.0		102	82-126		3.00	30	
1,3-Dichlorobenzene	50		"	50.0		100	84-124		6.50	30	
1,4-Dichlorobenzene	49		"	50.0		98.7	84-124		2.94	30	
1,4-Dioxane	990		"	1050		93.8	10-228		80.8	30	Non-dir.
2-Butanone	44		"	50.0		88.9	58-147		26.9	30	
2-Hexanone	55		"	50.0		110	70-139		6.84	30	
4-Methyl-2-pentanone	52		"	50.0		104	72-132		4.23	30	
Acetone	39		"	50.0		77.0	36-155		2.71	30	
Acrolein	7.2		"	50.0		14.4	10-238		0.278	30	
Acrylonitrile	57		"	50.0		114	66-141		11.0	30	
Benzene	46		"	50.0		91.8	77-127		4.78	30	
Bromochloromethane	47		"	50.0		94.6	74-129		1.56	30	
Bromodichloromethane	52		"	50.0		104	81-124		5.19	30	
Bromoform	53		"	50.0		106	80-136		0.698	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41808 - EPA 5035A											
LCS Dup (BH41808-BSD1) LCS Dup								Prepared & Analyzed: 08/26/2024			
Bromomethane	33		ug/L	50.0		66.7	32-177		0.995	30	
Carbon disulfide	39		"	50.0		77.7	10-136		0.439	30	
Carbon tetrachloride	48		"	50.0		95.6	66-143		3.38	30	
Chlorobenzene	49		"	50.0		97.2	86-120		2.23	30	
Chloroethane	36		"	50.0		71.1	51-142		0.848	30	
Chloroform	45		"	50.0		90.8	76-131		3.19	30	
Chloromethane	25		"	50.0		50.1	49-132		13.0	30	
cis-1,2-Dichloroethylene	42		"	50.0		84.8	74-132		3.33	30	
cis-1,3-Dichloropropylene	49		"	50.0		98.6	81-129		3.51	30	
Cyclohexane	45		"	50.0		89.2	70-130		0.585	30	
Dibromochloromethane	52		"	50.0		103	10-200		3.88	30	
Dibromomethane	50		"	50.0		99.2	83-124		3.63	30	
Dichlorodifluoromethane	11		"	50.0		22.0	28-158	Low Bias	10.4	30	
Ethyl Benzene	51		"	50.0		102	84-125		3.57	30	
Hexachlorobutadiene	51		"	50.0		103	83-133		4.42	30	
Isopropylbenzene	50		"	50.0		99.8	81-127		1.74	30	
Methyl acetate	48		"	50.0		96.5	41-143		0.00	30	
Methyl tert-butyl ether (MTBE)	49		"	50.0		98.0	74-131		0.0613	30	
Methylcyclohexane	45		"	50.0		89.9	70-130		0.0667	30	
Methylene chloride	44		"	50.0		88.5	57-141		3.66	30	
n-Butylbenzene	50		"	50.0		100	80-130		3.52	30	
n-Propylbenzene	50		"	50.0		99.9	74-136		1.27	30	
o-Xylene	50		"	50.0		100	83-123		3.69	30	
p- & m- Xylenes	99		"	100		99.0	82-128		1.13	30	
p-Isopropyltoluene	51		"	50.0		103	85-125		3.10	30	
sec-Butylbenzene	50		"	50.0		100	83-125		0.721	30	
Styrene	51		"	50.0		102	86-126		0.883	30	
tert-Butyl alcohol (TBA)	260		"	250		104	70-130		4.07	30	
tert-Butylbenzene	49		"	50.0		98.6	80-127		2.44	30	
Tetrachloroethylene	42		"	50.0		83.8	80-129		1.09	30	
Toluene	49		"	50.0		98.6	85-121		4.59	30	
trans-1,2-Dichloroethylene	44		"	50.0		88.6	72-132		2.26	30	
trans-1,3-Dichloropropylene	47		"	50.0		93.7	78-132		1.92	30	
trans-1,4-dichloro-2-butene	56		"	50.0		112	75-135		4.25	30	
Trichloroethylene	50		"	50.0		100	84-123		2.32	30	
Trichlorofluoromethane	33		"	50.0		66.5	62-140		2.41	30	
Vinyl Chloride	26		"	50.0		52.0	52-130		10.3	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.1*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*76-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41627 - EPA 3550C											
Blank (BH41627-BLK1) Blank									Prepared: 08/25/2024 Analyzed: 08/26/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41627 - EPA 3550C											
Blank (BH41627-BLK1) Blank									Prepared: 08/25/2024 Analyzed: 08/26/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.24*		"	*1.66*		*74.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.10*		"	*1.66*		*66.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.734*		"	*0.831*		*88.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.628*		"	*0.831*		*75.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.26*		"	*1.66*		*75.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.731*		"	*0.831*		*88.0*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41627 - EPA 3550C											
LCS (BH41627-BS1) LCS									Prepared: 08/25/2024 Analyzed: 08/26/2024		
1,1-Biphenyl	0.749	0.0416	mg/kg wet	0.831		90.1	18-111				
1,2,4,5-Tetrachlorobenzene	0.695	0.0830	"	0.831		83.7	21-131				
1,2,4-Trichlorobenzene	0.697	0.0416	"	0.831		83.9	10-140				
1,2-Dichlorobenzene	0.685	0.0416	"	0.831		82.5	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.728	0.0416	"	0.831		87.6	17-137				
1,3-Dichlorobenzene	0.684	0.0416	"	0.831		82.4	33-110				
1,4-Dichlorobenzene	0.685	0.0416	"	0.831		82.4	32-104				
2,3,4,6-Tetrachlorophenol	0.773	0.0830	"	0.831		93.1	30-130				
2,4,5-Trichlorophenol	0.757	0.0416	"	0.831		91.1	27-118				
2,4,6-Trichlorophenol	0.748	0.0416	"	0.831		90.0	31-120				
2,4-Dichlorophenol	0.768	0.0416	"	0.831		92.5	20-127				
2,4-Dimethylphenol	0.754	0.0416	"	0.831		90.8	14-132				
2,4-Dinitrophenol	0.127	0.0830	"	0.831		15.3	10-171				
2,4-Dinitrotoluene	0.945	0.0416	"	0.831		114	34-131				
2,6-Dinitrotoluene	0.957	0.0416	"	0.831		115	31-128				
2-Chloronaphthalene	0.725	0.0416	"	0.831		87.3	31-117				
2-Chlorophenol	0.744	0.0416	"	0.831		89.6	33-113				
2-Methylnaphthalene	0.716	0.0416	"	0.831		86.2	12-138				
2-Methylphenol	0.706	0.0416	"	0.831		85.0	10-136				
2-Nitroaniline	0.883	0.0830	"	0.831		106	27-132				
2-Nitrophenol	0.901	0.0416	"	0.831		109	17-129				
3- & 4-Methylphenols	0.611	0.0416	"	0.831		73.5	29-103				
3,3-Dichlorobenzidine	0.695	0.0416	"	0.831		83.7	22-149				
3-Nitroaniline	0.774	0.0830	"	0.831		93.2	20-133				
4,6-Dinitro-2-methylphenol	0.483	0.0830	"	0.831		58.2	10-143				
4-Bromophenyl phenyl ether	0.718	0.0416	"	0.831		86.4	29-120				
4-Chloro-3-methylphenol	0.811	0.0416	"	0.831		97.6	24-129				
4-Chloroaniline	0.586	0.0416	"	0.831		70.6	10-132				
4-Chlorophenyl phenyl ether	0.711	0.0416	"	0.831		85.6	27-124				
4-Nitroaniline	0.829	0.0830	"	0.831		99.8	16-128				
4-Nitrophenol	0.797	0.0830	"	0.831		96.0	10-141				
Acenaphthene	0.702	0.0416	"	0.831		84.6	30-121				
Acenaphthylene	0.689	0.0416	"	0.831		83.0	30-115				
Acetophenone	0.706	0.0416	"	0.831		85.0	20-112				
Aniline	0.549	0.166	"	0.831		66.1	10-119				
Anthracene	0.760	0.0416	"	0.831		91.5	34-118				
Atrazine	0.834	0.0416	"	0.831		100	26-112				
Benzaldehyde	0.572	0.0416	"	0.831		68.9	21-100				
Benzo(a)anthracene	0.730	0.0416	"	0.831		87.9	32-122				
Benzo(a)pyrene	0.702	0.0416	"	0.831		84.6	29-133				
Benzo(b)fluoranthene	0.745	0.0416	"	0.831		89.7	25-133				
Benzo(g,h,i)perylene	0.777	0.0416	"	0.831		93.5	10-143				
Benzo(k)fluoranthene	0.668	0.0416	"	0.831		80.5	25-128				
Benzoic acid	0.626	0.0416	"	0.831		75.4	10-140				
Benzyl alcohol	0.691	0.0416	"	0.831		83.2	30-115				
Benzyl butyl phthalate	0.833	0.0416	"	0.831		100	26-126				
Bis(2-chloroethoxy)methane	0.695	0.0416	"	0.831		83.7	19-132				
Bis(2-chloroethyl)ether	0.678	0.0416	"	0.831		81.7	19-125				
Bis(2-chloroisopropyl)ether	0.622	0.0416	"	0.831		74.9	20-135				
Bis(2-ethylhexyl)phthalate	0.793	0.0416	"	0.831		95.4	10-155				
Caprolactam	0.776	0.0830	"	0.831		93.5	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41627 - EPA 3550C											
LCS (BH41627-BS1) LCS								Prepared: 08/25/2024 Analyzed: 08/26/2024			
Carbazole	0.743	0.0416	mg/kg wet	0.831		89.4	35-123				
Chrysene	0.703	0.0416	"	0.831		84.6	32-123				
Dibenzo(a,h)anthracene	0.780	0.0416	"	0.831		93.9	10-136				
Dibenzofuran	0.708	0.0416	"	0.831		85.2	29-121				
Diethyl phthalate	0.776	0.0416	"	0.831		93.4	34-116				
Dimethyl phthalate	0.745	0.0416	"	0.831		89.7	35-124				
Di-n-butyl phthalate	0.781	0.0416	"	0.831		94.0	31-116				
Di-n-octyl phthalate	0.854	0.0416	"	0.831		103	26-136				
Diphenylamine	0.762	0.0830	"	0.831		91.8	40-140				
Fluoranthene	0.735	0.0416	"	0.831		88.5	33-122				
Fluorene	0.708	0.0416	"	0.831		85.2	29-123				
Hexachlorobenzene	0.862	0.0416	"	0.831		104	21-124				
Hexachlorobutadiene	0.714	0.0416	"	0.831		86.0	10-149				
Hexachlorocyclopentadiene	0.318	0.0416	"	0.831		38.3	10-129				
Hexachloroethane	0.751	0.0416	"	0.831		90.4	28-108				
Indeno(1,2,3-cd)pyrene	0.991	0.0416	"	0.831		119	10-135				
Isophorone	0.737	0.0416	"	0.831		88.7	20-132				
Naphthalene	0.727	0.0416	"	0.831		87.6	23-124				
Nitrobenzene	0.853	0.0416	"	0.831		103	13-132				
N-Nitrosodimethylamine	0.711	0.0416	"	0.831		85.6	11-129				
N-nitroso-di-n-propylamine	0.656	0.0416	"	0.831		79.0	24-119				
N-Nitrosodiphenylamine	0.714	0.0416	"	0.831		86.0	22-152				
Pentachlorophenol	0.0239	0.0416	"	0.831		2.88	10-139	Low Bias			
Phenanthrene	0.753	0.0416	"	0.831		90.7	33-123				
Phenol	0.766	0.0416	"	0.831		92.2	23-115				
Pyrene	0.782	0.0416	"	0.831		94.2	32-130				
Surrogate: SURR: 2-Fluorophenol	*1.55*		*"*	*1.66*		*93.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.42*		*"*	*1.66*		*85.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.920*		*"*	*0.831*		*111*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.761*		*"*	*0.831*		*91.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.36*		*"*	*1.66*		*81.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.813*		*"*	*0.831*		*97.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41629 - EPA 3550C											
Blank (BH41629-BLK1) Blank									Prepared: 08/25/2024 Analyzed: 08/26/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*498*		*"*	*495*		*101*	*39-127.5*				
LCS (BH41629-BS1) LCS									Prepared: 08/25/2024 Analyzed: 08/26/2024		
1,4-Dioxane	483	19.8	ug/kg	495		97.6	40-130				
Surrogate: 1,4-Dioxane-d8	*556*		*"*	*495*		*112*	*39-127.5*				
Matrix Spike (BH41629-MS1) Matrix Spike *Source sample: 24H1664-03 (PE5_15)									Prepared: 08/25/2024 Analyzed: 08/26/2024		
1,4-Dioxane	580	19.8	ug/kg	495	ND	117	40-130				
Surrogate: 1,4-Dioxane-d8	*302*		*"*	*495*		*61.1*	*40-130*				
Matrix Spike Dup (BH41629-! Matrix Spike Dup *Source sample: 24H1664-03 (PE5_15)									Prepared: 08/25/2024 Analyzed: 08/26/2024		
1,4-Dioxane	482	19.8	ug/kg	495	ND	97.4	40-130		18.5	30	
Surrogate: 1,4-Dioxane-d8	*315*		*"*	*495*		*63.6*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
Blank (BH41764-BLK1) Blank									Prepared: 08/27/2024 Analyzed: 08/29/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.181	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.184	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.395	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.751	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.759	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.791	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.352	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.395	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.395	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.395	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.186	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.741	"								
HFPO-DA (Gen-X)	ND	0.791	"								
11CL-PF3OUdS	ND	0.747	"								
9CL-PF3ONS	ND	0.739	"								
ADONA	ND	0.747	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.988	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.94	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.94	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*3.70*		"	*2.30*		*161*	*25-150*				
Surrogate: M5PFHxA	*2.97*		"	*2.47*		*120*	*25-150*				
Surrogate: M4PFHpA	*4.28*		"	*2.47*		*173*	*25-150*				
Surrogate: M3PFHxS	*3.00*		"	*2.34*		*128*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.09*		"	*2.47*		*125*	*25-150*				
Surrogate: M6PFDA	*1.49*		"	*1.24*		*121*	*25-150*				
Surrogate: M7PFUdA	*1.39*		"	*1.24*		*113*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.23*		"	*1.24*		*99.7*	*25-150*				
Surrogate: M2PFTeDA	*1.12*		"	*1.24*		*90.7*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
Blank (BH41764-BLK1) Blank								Prepared: 08/27/2024 Analyzed: 08/29/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.180*		*ug/kg wet*	*9.88*		*1.82*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.62*		*"*	*2.37*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.74*		*"*	*4.94*		*95.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.52*		*"*	*2.47*		*102*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.45*		*"*	*4.94*		*110*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.88*		*"*	*4.94*		*119*	*25-150*				
Surrogate: M2-6:2 FTS	*4.83*		*"*	*4.70*		*103*	*25-200*				
Surrogate: M2-8:2 FTS	*5.04*		*"*	*4.74*		*106*	*25-200*				
Surrogate: M9PFNA	*1.41*		*"*	*1.24*		*114*	*25-150*				
Surrogate: M2-4:2 FTS	*5.79*		*"*	*4.63*		*125*	*25-150*				
Surrogate: d-N-MeFOSA	*1.91*		*"*	*2.47*		*77.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.72*		*"*	*2.47*		*69.5*	*25-150*				
Surrogate: M3HFPO-DA	*9.76*		*"*	*9.88*		*98.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*21.2*		*"*	*24.7*		*85.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.6*		*"*	*24.7*		*83.5*	*25-150*				
LCS (BH41764-BS1) LCS								Prepared: 08/27/2024 Analyzed: 08/29/2024			
Perfluorobutanesulfonic acid (PFBS)	3.48	0.175	ug/kg wet	3.49		99.8	50-150				
Perfluorohexanoic acid (PFHxA)	4.04	0.197	"	3.94		102	50-150				
Perfluoroheptanoic acid (PFHpA)	3.38	0.197	"	3.94		85.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.85	0.180	"	3.61		107	50-150				
Perfluorooctanoic acid (PFOA)	4.11	0.197	"	3.94		104	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.04	0.183	"	3.67		110	50-150				
Perfluorononanoic acid (PFNA)	4.31	0.197	"	3.94		109	50-150				
Perfluorodecanoic acid (PFDA)	4.44	0.197	"	3.94		113	50-150				
Perfluoroundecanoic acid (PFUnA)	4.36	0.197	"	3.94		111	50-150				
Perfluorododecanoic acid (PFDoA)	3.63	0.197	"	3.94		92.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.61	0.197	"	3.94		117	50-150				
Perfluorotetradecanoic acid (PFTA)	3.87	0.197	"	3.94		98.2	50-150				
N-MeFOSAA	4.15	0.197	"	3.94		105	50-150				
N-EtFOSAA	3.86	0.197	"	3.94		97.8	50-150				
Perfluoropentanoic acid (PFPeA)	8.29	0.394	"	7.89		105	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.55	0.197	"	3.94		89.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.02	0.197	"	3.77		107	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.80	0.190	"	3.81		99.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.1	0.750	"	15.0		101	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.6	0.757	"	15.1		103	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.0	0.789	"	15.8		94.8	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.50	0.351	"	7.02		107	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	10.4	0.394	"	7.89		132	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.784	0.394	"	7.89		9.94	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	9.41	0.394	"	7.89		119	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.05	0.185	"	3.71		109	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.2	0.740	"	14.8		103	50-150				
HFPO-DA (Gen-X)	10.1	0.789	"	7.89		128	50-150				
11CL-PF3OUdS	5.51	0.746	"	7.46		73.9	50-150				
9CL-PF3ONS	6.96	0.738	"	7.38		94.4	50-150				
ADONA	8.54	0.746	"	7.46		115	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
LCS (BH41764-BS1) LCS									Prepared: 08/27/2024 Analyzed: 08/29/2024		
Perfluorododecanesulfonic acid (PFDoS)	2.54	0.191	ug/kg wet	3.83		66.4	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.74	0.189	"	3.79		125	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	9.46	0.986	"	15.8		60.0	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	69.7	4.93	"	78.9		88.4	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	70.2	4.93	"	78.9		89.0	50-150				
N-MeFOSE	40.5	1.97	"	39.4		103	50-150				
N-MeFOSA	3.78	0.197	"	3.94		95.7	50-150				
N-EtFOSE	38.5	1.97	"	39.4		97.6	50-150				
N-EtFOSA	5.07	0.197	"	3.94		129	50-150				
Surrogate: M3PFBS	*3.57*		*"*	*2.30*		*155*	*25-150*				
Surrogate: M5PFHxA	*2.81*		*"*	*2.47*		*114*	*25-150*				
Surrogate: M4PFHpA	*3.85*		*"*	*2.47*		*156*	*25-150*				
Surrogate: M3PFHxS	*3.14*		*"*	*2.34*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.03*		*"*	*2.47*		*123*	*25-150*				
Surrogate: M6PFDA	*1.45*		*"*	*1.23*		*117*	*25-150*				
Surrogate: M7PFUdA	*1.31*		*"*	*1.23*		*106*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.15*		*"*	*1.23*		*93.2*	*25-150*				
Surrogate: M2PFTeDA	*0.945*		*"*	*1.23*		*76.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.295*		*"*	*9.86*		*2.99*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.33*		*"*	*2.36*		*98.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.53*		*"*	*4.93*		*91.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.43*		*"*	*2.47*		*98.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.55*		*"*	*4.93*		*113*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.23*		*"*	*4.93*		*106*	*25-150*				
Surrogate: M2-6:2 FTS	*6.07*		*"*	*4.69*		*129*	*25-200*				
Surrogate: M2-8:2 FTS	*6.21*		*"*	*4.73*		*131*	*25-200*				
Surrogate: M9PFNA	*1.41*		*"*	*1.23*		*115*	*25-150*				
Surrogate: M2-4:2 FTS	*7.19*		*"*	*4.63*		*155*	*25-150*				
Surrogate: d-N-MeFOSA	*2.37*		*"*	*2.47*		*96.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.79*		*"*	*2.47*		*72.8*	*25-150*				
Surrogate: M3HFPO-DA	*8.75*		*"*	*9.86*		*88.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.9*		*"*	*24.7*		*76.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.6*		*"*	*24.7*		*75.6*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
LCS (BH41764-BS2) LCS								Prepared: 08/27/2024 Analyzed: 08/29/2024			
Perfluorobutanesulfonic acid (PFBS)	0.696	0.177	ug/kg wet	0.708		98.3	50-150				
Perfluorohexanoic acid (PFHxA)	0.742	0.200	"	0.800		92.7	50-150				
Perfluoroheptanoic acid (PFHpA)	0.591	0.200	"	0.800		73.9	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.820	0.183	"	0.732		112	50-150				
Perfluorooctanoic acid (PFOA)	0.757	0.200	"	0.800		94.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.595	0.186	"	0.744		79.9	50-150				
Perfluorononanoic acid (PFNA)	0.845	0.200	"	0.800		106	50-150				
Perfluorodecanoic acid (PFDA)	0.770	0.200	"	0.800		96.3	50-150				
Perfluoroundecanoic acid (PFUnA)	0.847	0.200	"	0.800		106	50-150				
Perfluorododecanoic acid (PFDoA)	0.617	0.200	"	0.800		77.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.895	0.200	"	0.800		112	50-150				
Perfluorotetradecanoic acid (PFTA)	0.716	0.200	"	0.800		89.5	50-150				
N-MeFOSAA	0.735	0.200	"	0.800		91.9	50-150				
N-EtFOSAA	0.682	0.200	"	0.800		85.2	50-150				
Perfluoropentanoic acid (PFPeA)	1.53	0.400	"	1.60		95.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.744	0.200	"	0.800		93.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.694	0.200	"	0.764		90.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.699	0.193	"	0.772		90.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.69	0.760	"	3.04		121	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.73	0.768	"	3.07		89.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.07	0.800	"	3.20		95.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.39	0.356	"	1.42		97.9	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.70	0.400	"	1.60		106	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.148	0.400	"	1.60		9.23	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.77	0.400	"	1.60		110	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.774	0.188	"	0.752		103	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	3.01	0.750	"	3.00		100	50-150				
HFPO-DA (Gen-X)	1.39	0.800	"	1.60		87.2	50-150				
11CL-PF3OUdS	1.33	0.756	"	1.51		88.0	50-150				
9CL-PF3ONS	1.24	0.748	"	1.50		83.2	50-150				
ADONA	1.96	0.756	"	1.51		130	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.490	0.194	"	0.776		63.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.843	0.192	"	0.768		110	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.21	1.00	"	3.20		37.8	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	12.9	5.00	"	16.0		80.7	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	12.7	5.00	"	16.0		79.1	50-150				
N-MeFOSE	7.94	2.00	"	8.00		99.3	50-150				
N-MeFOSA	0.646	0.200	"	0.800		80.7	50-150				
N-EtFOSE	7.36	2.00	"	8.00		92.0	50-150				
N-EtFOSA	0.584	0.200	"	0.800		73.0	50-150				
Surrogate: M3PFBS	*2.81*		"	*2.33*		*121*	*25-150*				
Surrogate: M5PFHxA	*2.63*		"	*2.50*		*105*	*25-150*				
Surrogate: M4PFHpA	*3.54*		"	*2.50*		*142*	*25-150*				
Surrogate: M3PFHxS	*2.53*		"	*2.37*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.67*		"	*2.50*		*107*	*25-150*				
Surrogate: M6PFDA	*1.32*		"	*1.25*		*106*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.25*		*94.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.08*		"	*1.25*		*86.7*	*25-150*				
Surrogate: M2PFTeDA	*0.927*		"	*1.25*		*74.2*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
LCS (BH41764-BS2) LCS									Prepared: 08/27/2024 Analyzed: 08/29/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.290*		*ug/kg wet*	*10.0*		*2.90*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		*"*	*2.40*		*97.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.21*		*"*	*5.00*		*84.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.12*		*"*	*2.50*		*84.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.62*		*"*	*5.00*		*92.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.68*		*"*	*5.00*		*93.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.81*		*"*	*4.76*		*80.1*	*25-200*				
Surrogate: M2-8:2 FTS	*4.13*		*"*	*4.80*		*85.9*	*25-200*				
Surrogate: M9PFNA	*1.28*		*"*	*1.25*		*103*	*25-150*				
Surrogate: M2-4:2 FTS	*5.15*		*"*	*4.69*		*110*	*25-150*				
Surrogate: d-N-MeFOSA	*1.92*		*"*	*2.50*		*76.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.66*		*"*	*2.50*		*66.3*	*25-150*				
Surrogate: M3HFPO-DA	*8.38*		*"*	*10.0*		*83.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.4*		*"*	*25.0*		*61.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.2*		*"*	*25.0*		*60.8*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41614 - EPA 3550C											
Blank (BH41614-BLK1) Blank									Prepared: 08/24/2024 Analyzed: 08/26/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0406*		*"*	*0.0664*		*61.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0508*		*"*	*0.0664*		*76.4*	*30-150*				
LCS (BH41614-BS1) LCS									Prepared: 08/24/2024 Analyzed: 08/26/2024		
4,4'-DDD	0.0214	0.00164	mg/kg wet	0.0332		64.5	40-140				
4,4'-DDE	0.0215	0.00164	"	0.0332		64.8	40-140				
4,4'-DDT	0.0233	0.00164	"	0.0332		70.0	40-140				
Aldrin	0.0217	0.00164	"	0.0332		65.4	40-140				
alpha-BHC	0.0227	0.00164	"	0.0332		68.3	40-140				
alpha-Chlordane	0.0236	0.00164	"	0.0332		70.9	40-140				
beta-BHC	0.0252	0.00164	"	0.0332		75.9	40-140				
delta-BHC	0.0222	0.00164	"	0.0332		66.8	40-140				
Dieldrin	0.0229	0.00164	"	0.0332		68.9	40-140				
Endosulfan I	0.0257	0.00164	"	0.0332		77.3	40-140				
Endosulfan II	0.0248	0.00164	"	0.0332		74.7	40-140				
Endosulfan sulfate	0.0228	0.00164	"	0.0332		68.8	40-140				
Endrin	0.0244	0.00164	"	0.0332		73.4	40-140				
Endrin aldehyde	0.0249	0.00164	"	0.0332		75.0	40-140				
Endrin ketone	0.0242	0.00164	"	0.0332		72.8	40-140				
gamma-BHC (Lindane)	0.0232	0.00164	"	0.0332		69.7	40-140				
gamma-Chlordane	0.0235	0.00164	"	0.0332		70.7	40-140				
Heptachlor	0.0255	0.00164	"	0.0332		76.7	40-140				
Heptachlor epoxide	0.0242	0.00164	"	0.0332		72.7	40-140				
Methoxychlor	0.0239	0.00164	"	0.0332		71.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0378*		*"*	*0.0664*		*56.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0462*		*"*	*0.0664*		*69.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41614 - EPA 3550C											
Blank (BH41614-BLK2) Blank									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0568*		*"*	*0.0664*		*85.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0312*		*"*	*0.0664*		*47.0*	*30-140*				
LCS (BH41614-BS2) LCS									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aroclor 1016	0.298	0.0166	mg/kg wet	0.332		89.6	40-130				
Aroclor 1260	0.268	0.0166	"	0.332		80.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0548*		*"*	*0.0664*		*82.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0332*		*"*	*0.0664*		*50.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41903 - EPA 3550C/8151A											
Blank (BH41903-BLK1) Blank									Prepared: 08/28/2024 Analyzed: 08/29/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.551*		*"*	*0.415*		*133*	*21-150*				
LCS (BH41903-BS1) LCS									Prepared: 08/28/2024 Analyzed: 08/29/2024		
2,4,5-T	0.0772	0.0199	mg/kg wet	0.0664		116	10-120				
2,4,5-TP (Silvex)	0.0748	0.0199	"	0.0664		112	10-120				
2,4-D	0.0714	0.0199	"	0.0664		108	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.452*		*"*	*0.415*		*109*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41618 - EPA 3050B											
Blank (BH41618-BLK1) Blank									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BH41618-DUP1) Duplicate	*Source sample: 24H1664-03 (PE5_15)								Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aluminum	7890	4.95	mg/kg dry		7380				6.58	35	
Antimony	ND	2.48	"		ND					35	
Arsenic	2.50	1.49	"		3.22				25.3	35	
Barium	29.2	2.47	"		12.8				77.9	35	Non-dir.
Beryllium	0.228	0.050	"		0.168				30.0	35	
Cadmium	ND	0.297	"		ND					35	
Calcium	1090	4.95	"		596				58.3	35	Non-dir.
Chromium	12.7	0.496	"		13.3				4.35	35	
Cobalt	3.15	0.396	"		5.29				50.7	35	Non-dir.
Copper	9.40	1.98	"		7.73				19.5	35	
Iron	7690	24.8	"		9660				22.8	35	
Lead	18.8	0.496	"		9.79				62.9	35	Non-dir.
Magnesium	1300	4.96	"		1360				4.19	35	
Manganese	65.2	0.496	"		55.4				16.4	35	
Nickel	9.34	0.987	"		10.7				13.3	35	
Potassium	469	4.96	"		439				6.64	35	
Selenium	ND	2.48	"		ND					35	
Silver	ND	0.499	"		ND					35	
Sodium	69.2	49.5	"		ND					35	
Thallium	ND	2.48	"		ND					35	
Vanadium	15.4	0.987	"		16.8				8.85	35	
Zinc	32.2	2.47	"		20.9				42.6	35	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41618 - EPA 3050B											
Matrix Spike (BH41618-MS1) Matrix Spike	*Source sample: 24H1664-03 (PE5_15)								Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aluminum	7830	4.95	mg/kg dry	198	7380	226	75-125	High Bias			
Antimony	10.7	2.48	"	24.8	ND	43.1	75-125	Low Bias			
Arsenic	193	1.49	"	198	3.22	95.5	75-125				
Barium	210	2.47	"	198	12.8	99.4	75-125				
Beryllium	5.10	0.050	"	4.95	0.168	99.6	75-125				
Cadmium	4.83	0.297	"	4.95	ND	97.4	75-125				
Calcium	685	4.95	"	99.1	596	90.5	75-125				
Chromium	33.5	0.496	"	19.8	13.3	102	75-125				
Cobalt	54.8	0.396	"	49.5	5.29	99.9	75-125				
Copper	33.8	1.98	"	24.8	7.73	105	75-125				
Iron	9280	24.8	"	99.1	9660	NR	75-125	Low Bias			
Lead	55.2	0.496	"	49.5	9.79	91.7	75-125				
Magnesium	1600	4.96	"	99.1	1360	238	75-125	High Bias			
Manganese	108	0.496	"	49.5	55.4	106	75-125				
Nickel	61.1	0.987	"	49.5	10.7	102	75-125				
Potassium	506	4.96	"	99.1	439	67.9	75-125	Low Bias			
Selenium	185	2.48	"	198	ND	93.4	75-125				
Silver	4.89	0.499	"	4.95	ND	98.8	75-125				
Sodium	324	49.5	"	99.1	ND	327	75-125	High Bias			
Thallium	192	2.48	"	198	ND	96.7	75-125				
Vanadium	66.2	0.987	"	49.5	16.8	99.6	75-125				
Zinc	67.4	2.47	"	49.5	20.9	93.9	75-125				
Post Spike (BH41618-PS1) Post Spike	*Source sample: 24H1664-03 (PE5_15)								Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aluminum	76.3		ug/mL	2.00	74.5	88.5	75-125				
Antimony	0.263		"	0.250	-0.008	105	75-125				
Arsenic	2.08		"	2.00	0.032	102	75-125				
Barium	2.27		"	2.00	0.130	107	75-125				
Beryllium	0.055		"	0.0500	0.002	107	75-125				
Cadmium	0.052		"	0.0500	0.0004	103	75-125				
Calcium	7.02		"	1.00	6.01	100	75-125				
Chromium	0.347		"	0.200	0.134	107	75-125				
Cobalt	0.606		"	0.500	0.053	110	75-125				
Copper	0.370		"	0.250	0.078	117	75-125				
Iron	98.0		"	1.00	97.5	51.9	75-125	Low Bias			
Lead	0.624		"	0.500	0.099	105	75-125				
Magnesium	14.7		"	1.00	13.7	101	75-125				
Manganese	1.08		"	0.500	0.559	105	75-125				
Nickel	0.664		"	0.500	0.108	111	75-125				
Potassium	5.67		"	1.00	4.43	125	75-125				
Selenium	1.98		"	2.00	-0.0002	99.0	75-125				
Silver	0.048		"	0.0500	-0.0003	96.4	75-125				
Sodium	3.63		"	1.00	0.454	317	75-125	High Bias			
Thallium	2.05		"	2.00	-0.0002	102	75-125				
Vanadium	0.700		"	0.500	0.170	106	75-125				
Zinc	0.741		"	0.500	0.211	106	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41618 - EPA 3050B											
Reference (BH41618-SRM1) Reference								Prepared: 08/24/2024 Analyzed: 08/26/2024			
Aluminum	7160	4.17	mg/kg wet	7680		93.2	46.7-129.9				
Antimony	74.8	2.08	"	257		29.1	1-100				
Arsenic	307	1.25	"	360		85.3	70.6-102.2				
Barium	288	2.08	"	332		86.6	75-108.1				
Beryllium	171	0.042	"	183		93.4	76.5-108.2				
Cadmium	207	0.250	"	238		86.9	73.5-105				
Calcium	5060	4.17	"	5490		92.2	77.2-110.9				
Chromium	184	0.417	"	199		92.7	73.4-107				
Cobalt	85.2	0.333	"	88.7		96.0	76.6-107.6				
Copper	229	1.67	"	227		101	74.9-105.7				
Iron	6450	20.8	"	7360		87.6	51.1-125.8				
Lead	91.7	0.417	"	100		91.7	75.9-110				
Magnesium	1780	4.17	"	1900		93.6	67.4-111.1				
Manganese	515	0.417	"	591		87.2	72.6-107.1				
Nickel	321	0.830	"	342		93.9	75.4-107.6				
Potassium	1370	4.17	"	1500		91.7	66.1-116.7				
Selenium	159	2.08	"	170		93.4	78.2-115.9				
Silver	75.1	0.420	"	88.6		84.8	73.9-112				
Sodium	615	41.7	"	527		117	68.5-115.9	High Bias			
Thallium	206	2.08	"	226		91.0	73.5-108.4				
Vanadium	106	0.830	"	118		89.7	68.1-106.8				
Zinc	167	2.08	"	183		91.2	72.7-109.3				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41615 - EPA 7473 soil											
Blank (BH41615-BLK1) Blank									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH41615-SRM1) Reference									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Mercury	19.495		mg/kg	18.2		107	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41640 - Analysis Preparation Soil											
Blank (BH41640-BLK1) Blank									Prepared & Analyzed: 08/26/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH41640-SRM1) Reference									Prepared & Analyzed: 08/26/2024		
Cyanide, total	50.3		ug/mL	59.7		84.2	38.5-161.4				
Batch BH41671 - EPA SW846-3060											
Blank (BH41671-BLK1) Blank									Prepared & Analyzed: 08/26/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BH41671-SRM1) Reference									Prepared & Analyzed: 08/26/2024		
Chromium, Hexavalent	275		mg/L	227		121	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H1664-01	TB-08232024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H1664-02	PE4_15	40mL Vial with Stir Bar-Cool 4° C
24H1664-03	PE5_15	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: Per client request, the following sample IDs were updated to remove the dash after PE in the ID nomenclature.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24A1664

Page 1 of 1

Report To:	Invoice To:
Company: LANGAN	Company: SAME
Address: 300 Kimball Dr Parsippany NJ 07054	Address:
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: LKott@langan.com	E-mail:

YOUR Project Name / Number: 100688801 — 1209G Flatlands Avenue

PO Number:

Samples Collected From: NY [X] CT [ ] NJ [ ] PA [ ] Other: (please specify)

Turn-Around Time: RUSH - Next Day [ ] RUSH - Two Day [ ] RUSH - Three Day [ ] RUSH - Four Day [ ] RUSH - Five Day [ ] Standard (6-9 Day) [X] PFAS Standard 7-10 Day [ ]

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Kyle S. Godfrey

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pesticides (Herbicides)	Cyanide	TAL Metals	Cr 6/Cr 3	PFAS	1,4-dioxane				Grab or Comp. G/C
TB-08232024	8/23		LIQ		2									X											
PE-4-15	↓	9:30	SOIL	3									1	X	X	X	X	X	X	X	X				
PE-6-15	↓	9:40	SOIL	3									1	X	X	X	X	X	X	X	X				

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered [ ] Lab Filtered [ ]

Comments: * TAL Metals and PCBs 1 DAY TAT *

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Kyle S. Godfrey LANGAN	8/23 1540	[illegible]	8/23/24 1540	[illegible]	8/23/24 1635
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
[illegible]	8/23/24 1635 4.2	[illegible]	8/23/24 1700	[illegible]	8/23 1800
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
[illegible]	8/23 1700			[illegible]	8/23/24 2030 1.7 Degrees C

20:30

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/06/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1973

Report Date: 09/06/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1973

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 28, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H1973-01	PE08_16	Soil	08/28/2024	08/28/2024
24H1973-02	TB_08282024	Water	08/28/2024	08/28/2024

General Notes for York Project (SDG) No.: 24H1973

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 09/06/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0061	0.012	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.1 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*59.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	09/03/2024 08:38	09/04/2024 16:48	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*75.1 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.193	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0578	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.195	0.200	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.188	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.182	0.203	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.206	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.208	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.212	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.436	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-CCV-L	ug/kg dry	0.208	0.211	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.649	0.829	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.824	0.838	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.873	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.388	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.211	0.436	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0676	0.436	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.436	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.171	0.205	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.649	0.818	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: **PE08_16** **York Sample ID:** **24H1973-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.663	0.873	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/03/2024 08:34	09/04/2024 23:31	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.339	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/03/2024 08:34	09/04/2024 23:31	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.268	0.816	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/03/2024 08:34	09/04/2024 23:31	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/03/2024 08:34	09/04/2024 23:31	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.184	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/04/2024 23:31	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/03/2024 08:34	09/04/2024 23:31	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.692	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/04/2024 23:31	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.29	5.45	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/04/2024 23:31	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.64	5.45	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/04/2024 23:31	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.666	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/04/2024 23:31	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.196	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/04/2024 23:31	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.760	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/04/2024 23:31	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/04/2024 23:31	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*85.5 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*84.4 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*84.8 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*88.9 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*90.5 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*96.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*76.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*67.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*48.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.52 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.8 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*66.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*84.9 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*87.1 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*90.4 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*133 %*		*25-200*

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*92.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*82.9 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*207 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*71.5 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*57.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*91.0 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*31.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*26.9 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.4 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND	S-D	mg/kg dry	0.0219	1	EPA 8151A	08/29/2024 14:47	08/31/2024 13:33	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND	S-D	mg/kg dry	0.0219	1	EPA 8151A	08/29/2024 14:47	08/31/2024 13:33	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND	S-D	mg/kg dry	0.0219	1	EPA 8151A	08/29/2024 14:47	08/31/2024 13:33	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*55.1 %*	S-D	*21-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5480**		mg/kg dry	4.62	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.31	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.95**		mg/kg dry	1.39	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**12.3**		mg/kg dry	2.31	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.277	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**519**		mg/kg dry	4.62	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**11.3**		mg/kg dry	0.462	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.40**		mg/kg dry	0.369	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**8.47**		mg/kg dry	1.85	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8890**		mg/kg dry	23.1	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.72**		mg/kg dry	0.462	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1870**		mg/kg dry	4.62	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**62.0**		mg/kg dry	0.462	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.4**		mg/kg dry	0.920	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**568**	B	mg/kg dry	4.62	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.465	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**50.8**		mg/kg dry	46.2	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.31	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**13.6**		mg/kg dry	0.920	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**17.3**		mg/kg dry	2.30	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0332	1	EPA 7473	08/30/2024 13:36	08/31/2024 15:08	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.554	1	EPA 7196A	08/30/2024 09:07	08/30/2024 16:22	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**11.3**		mg/kg	0.500	1	Calculation	09/04/2024 17:19	09/04/2024 18:03	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.554	1	EPA 9014/9010C	08/30/2024 07:38	08/30/2024 15:02	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.2**		%	0.100	1	SM 2540G	08/30/2024 13:10	08/31/2024 12:34	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TB_08282024 **York Sample ID:** 24H1973-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Water	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08282024 **York Sample ID:** 24H1973-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Water	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**1.39**		ug/L	0.422	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08282024 **York Sample ID:** 24H1973-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Water	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	CCVE	ug/L	0.491	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/L	0.451	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	QL-02	ug/L	0.244	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE	ug/L	0.608	1.00	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08282024 **York Sample ID:** 24H1973-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Water	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	QL-02	ug/L	0.229	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*84.8 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*107 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*128 %*	*70-130*

Analytical Batch Summary

Batch ID: BH41988 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/29/24
BH41988-BLK1	Blank	08/29/24
BH41988-SRM1	Reference	08/29/24

Batch ID: BH41998 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/29/24
BH41998-BLK1	Blank	08/29/24
BH41998-BS1	LCS	08/29/24

Batch ID: BH42016 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/29/24
BH42016-BLK1	Blank	08/29/24
BH42016-BS1	LCS	08/29/24
BH42016-BSD1	LCS Dup	08/29/24

Batch ID: BH42018 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-02	TB_08282024	08/29/24
BH42018-BLK1	Blank	08/29/24
BH42018-BS1	LCS	08/29/24
BH42018-BSD1	LCS Dup	08/29/24

Batch ID: BH42045 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/30/24

Batch ID: BH42050 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/30/24
BH42050-BLK1	Blank	08/30/24
BH42050-SRM1	Reference	08/30/24

Batch ID: BH42076 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/30/24
BH42076-BLK1	Blank	08/30/24
BH42076-DUP1	Duplicate	08/30/24
BH42076-MS1	Matrix Spike	08/30/24
BH42076-MSD1	Matrix Spike Dup	08/30/24
BH42076-SRM1	Reference	08/30/24

Batch ID: BH42095 **Preparation Method:** EPA 3550C **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/30/24
24H1973-01	PE08_16	08/30/24
BH42095-BLK1	Blank	08/30/24
BH42095-BLK2	Blank	08/30/24
BH42095-BS1	LCS	08/30/24
BH42095-BS2	LCS	08/30/24

Batch ID: BH42096 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/30/24
BH42096-BLK1	Blank	08/30/24
BH42096-SRM1	Reference	08/30/24

Batch ID: BH42098 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/30/24
BH42098-BLK1	Blank	08/30/24
BH42098-BS1	LCS	08/30/24

Batch ID: BI40040 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	09/03/24
BI40040-BLK1	Blank	09/03/24
BI40040-BS1	LCS	09/03/24
BI40040-BS2	LCS	09/03/24

Batch ID: BI40042 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	09/03/24
BI40042-BLK1	Blank	09/03/24
BI40042-BS1	LCS	09/03/24

Batch ID: BI40189 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	09/04/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42016 - EPA 5035A											
Blank (BH42016-BLK1) Blank									Prepared & Analyzed: 08/29/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42016 - EPA 5035A											
Blank (BH42016-BLK1) Blank								Prepared & Analyzed: 08/29/2024			
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.0*		*ug/L*	*50.0*		*96.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.3*	*76-130*				
LCS (BH42016-BS1) LCS								Prepared & Analyzed: 08/29/2024			
1,1,1,2-Tetrachloroethane	49.6		ug/L	50.0		99.2	75-129			30	
1,1,1-Trichloroethane	49.0		"	50.0		97.9	70-130			30	
1,1,2,2-Tetrachloroethane	50.5		"	50.0		101	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.5		"	50.0		103	70-130			30	
1,1,2-Trichloroethane	49.3		"	50.0		98.6	70-130			30	
1,1-Dichloroethane	48.7		"	50.0		97.5	70-130			30	
1,1-Dichloroethylene	54.9		"	50.0		110	70-130			30	
1,1-Dichloropropylene	52.0		"	50.0		104	77-127			30	
1,2,3-Trichlorobenzene	50.9		"	50.0		102	70-130			30	
1,2,3-Trichloropropane	47.3		"	50.0		94.6	81-126			30	
1,2,4-Trichlorobenzene	50.0		"	50.0		100	70-130			30	
1,2,4-Trimethylbenzene	51.6		"	50.0		103	84-125			30	
1,2-Dibromo-3-chloropropane	44.4		"	50.0		88.8	40-160			30	
1,2-Dibromoethane	49.0		"	50.0		97.9	70-130			30	
1,2-Dichlorobenzene	46.7		"	50.0		93.5	70-130			30	
1,2-Dichloroethane	49.3		"	50.0		98.6	70-130			30	
1,2-Dichloropropane	53.7		"	50.0		107	70-130			30	
1,3,5-Trimethylbenzene	50.5		"	50.0		101	82-126			30	
1,3-Dichlorobenzene	48.1		"	50.0		96.2	70-130			30	
1,3-Dichloropropane	49.6		"	50.0		99.1	83-123			30	
1,4-Dichlorobenzene	48.3		"	50.0		96.6	70-130			30	
1,4-Dioxane	947		"	1050		90.2	40-160			30	
2,2-Dichloropropane	51.6		"	50.0		103	67-136			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42016 - EPA 5035A											
LCS (BH42016-BS1) LCS							Prepared & Analyzed: 08/29/2024				
2-Butanone	51.9		ug/L	50.0		104	40-160			30	
2-Chlorotoluene	48.9		"	50.0		97.8	78-127			30	
2-Hexanone	47.2		"	50.0		94.3	40-160			30	
4-Chlorotoluene	51.0		"	50.0		102	79-125			30	
4-Methyl-2-pentanone	45.2		"	50.0		90.5	40-160			30	
Acetone	45.0		"	50.0		89.9	40-160			30	
Acrolein	17.5		"	50.0		35.0	10-238			30	
Acrylonitrile	53.0		"	50.0		106	66-141			30	
Benzene	51.3		"	50.0		103	70-130			30	
Bromobenzene	48.0		"	50.0		96.0	77-129			30	
Bromochloromethane	49.4		"	50.0		98.7	70-130			30	
Bromodichloromethane	48.9		"	50.0		97.8	70-130			30	
Bromoform	48.4		"	50.0		96.9	70-130			30	
Bromomethane	47.8		"	50.0		95.6	40-160			30	
Carbon disulfide	54.4		"	50.0		109	40-160			30	
Carbon tetrachloride	51.9		"	50.0		104	70-130			30	
Chlorobenzene	48.2		"	50.0		96.5	70-130			30	
Chloroethane	46.2		"	50.0		92.5	51-142			30	
Chloroform	49.0		"	50.0		98.1	70-130			30	
Chloromethane	50.9		"	50.0		102	49-132			30	
cis-1,2-Dichloroethylene	45.9		"	50.0		91.8	70-130			30	
cis-1,3-Dichloropropylene	50.5		"	50.0		101	70-130			30	
Cyclohexane	51.3		"	50.0		103	70-130			30	
Dibromochloromethane	48.0		"	50.0		96.0	70-130			30	
Dibromomethane	48.2		"	50.0		96.4	83-124			30	
Dichlorodifluoromethane	59.9		"	50.0		120	40-160			30	
Ethyl Benzene	50.0		"	50.0		100	70-130			30	
Hexachlorobutadiene	50.0		"	50.0		99.9	83-133			30	
Isopropylbenzene	50.2		"	50.0		100	70-130			30	
Methyl acetate	46.5		"	50.0		93.0	70-130			30	
Methyl tert-butyl ether (MTBE)	48.1		"	50.0		96.2	70-130			30	
Methylcyclohexane	49.8		"	50.0		99.6	70-130			30	
Methylene chloride	49.3		"	50.0		98.6	70-130			30	
n-Butylbenzene	49.6		"	50.0		99.3	80-130			30	
n-Propylbenzene	49.8		"	50.0		99.6	74-136			30	
o-Xylene	47.8		"	50.0		95.6	70-130			30	
p- & m- Xylenes	99.0		"	100		99.0	70-130			30	
p-Isopropyltoluene	50.2		"	50.0		100	85-125			30	
sec-Butylbenzene	49.7		"	50.0		99.4	83-125			30	
Styrene	50.2		"	50.0		100	70-130			30	
tert-Butyl alcohol (TBA)	227		"	250		90.9	70-130			30	
tert-Butylbenzene	47.7		"	50.0		95.4	80-127			30	
Tetrachloroethylene	43.8		"	50.0		87.5	70-130			30	
Toluene	48.8		"	50.0		97.7	70-130			30	
trans-1,2-Dichloroethylene	48.7		"	50.0		97.5	70-130			30	
trans-1,3-Dichloropropylene	50.2		"	50.0		100	70-130			30	
Trichloroethylene	48.8		"	50.0		97.6	70-130			30	
Trichlorofluoromethane	48.0		"	50.0		96.0	40-160			30	
Vinyl Chloride	52.1		"	50.0		104	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.9*		*"*	*50.0*		*97.7*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42016 - EPA 5035A											
LCS (BH42016-BS1) LCS								Prepared & Analyzed: 08/29/2024			
Surrogate: SURR: p-Bromofluorobenzene	*47.4*		*ug/L*	*50.0*		*94.9*	*76-130*				
LCS Dup (BH42016-BSD1) LCS Dup								Prepared & Analyzed: 08/29/2024			
1,1,1,2-Tetrachloroethane	52.0		ug/L	50.0		104	75-129		4.68	30	
1,1,1-Trichloroethane	49.3		"	50.0		98.6	70-130		0.651	30	
1,1,2,2-Tetrachloroethane	50.1		"	50.0		100	70-130		0.835	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.7		"	50.0		103	70-130		0.310	30	
1,1,2-Trichloroethane	51.4		"	50.0		103	70-130		4.07	30	
1,1-Dichloroethane	49.6		"	50.0		99.1	70-130		1.71	30	
1,1-Dichloroethylene	55.1		"	50.0		110	70-130		0.363	30	
1,1-Dichloropropylene	51.6		"	50.0		103	77-127		0.695	30	
1,2,3-Trichlorobenzene	49.8		"	50.0		99.5	70-130		2.23	30	
1,2,3-Trichloropropane	50.8		"	50.0		102	81-126		7.17	30	
1,2,4-Trichlorobenzene	53.0		"	50.0		106	70-130		5.86	30	
1,2,4-Trimethylbenzene	52.8		"	50.0		106	84-125		2.38	30	
1,2-Dibromo-3-chloropropane	48.7		"	50.0		97.5	40-160		9.27	30	
1,2-Dibromoethane	48.4		"	50.0		96.8	70-130		1.19	30	
1,2-Dichlorobenzene	49.3		"	50.0		98.5	70-130		5.27	30	
1,2-Dichloroethane	50.5		"	50.0		101	70-130		2.39	30	
1,2-Dichloropropane	52.3		"	50.0		105	70-130		2.62	30	
1,3,5-Trimethylbenzene	50.0		"	50.0		100	82-126		0.975	30	
1,3-Dichlorobenzene	49.3		"	50.0		98.5	70-130		2.38	30	
1,3-Dichloropropane	51.4		"	50.0		103	83-123		3.61	30	
1,4-Dichlorobenzene	49.1		"	50.0		98.2	70-130		1.70	30	
1,4-Dioxane	932		"	1050		88.8	40-160		1.59	30	
2,2-Dichloropropane	52.4		"	50.0		105	67-136		1.48	30	
2-Butanone	60.0		"	50.0		120	40-160		14.3	30	
2-Chlorotoluene	50.5		"	50.0		101	78-127		3.24	30	
2-Hexanone	48.0		"	50.0		96.0	40-160		1.83	30	
4-Chlorotoluene	48.7		"	50.0		97.4	79-125		4.59	30	
4-Methyl-2-pentanone	45.4		"	50.0		90.9	40-160		0.463	30	
Acetone	42.8		"	50.0		85.6	40-160		4.92	30	
Acrolein	18.9		"	50.0		37.8	10-238		7.75	30	
Acrylonitrile	55.3		"	50.0		111	66-141		4.30	30	
Benzene	53.2		"	50.0		106	70-130		3.68	30	
Bromobenzene	50.6		"	50.0		101	77-129		5.34	30	
Bromochloromethane	51.4		"	50.0		103	70-130		4.01	30	
Bromodichloromethane	50.8		"	50.0		102	70-130		3.77	30	
Bromoform	53.1		"	50.0		106	70-130		9.12	30	
Bromomethane	47.3		"	50.0		94.7	40-160		1.01	30	
Carbon disulfide	57.6		"	50.0		115	40-160		5.80	30	
Carbon tetrachloride	53.9		"	50.0		108	70-130		3.67	30	
Chlorobenzene	50.7		"	50.0		101	70-130		5.03	30	
Chloroethane	51.9		"	50.0		104	51-142		11.5	30	
Chloroform	49.9		"	50.0		99.7	70-130		1.66	30	
Chloromethane	52.5		"	50.0		105	49-132		3.08	30	
cis-1,2-Dichloroethylene	45.6		"	50.0		91.2	70-130		0.634	30	
cis-1,3-Dichloropropylene	52.8		"	50.0		106	70-130		4.53	30	
Cyclohexane	52.4		"	50.0		105	70-130		2.10	30	
Dibromochloromethane	49.9		"	50.0		99.7	70-130		3.80	30	
Dibromomethane	48.8		"	50.0		97.6	83-124		1.26	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42016 - EPA 5035A											
LCS Dup (BH42016-BSD1) LCS Dup							Prepared & Analyzed: 08/29/2024				
Dichlorodifluoromethane	59.8		ug/L	50.0		120	40-160		0.150	30	
Ethyl Benzene	50.9		"	50.0		102	70-130		1.70	30	
Hexachlorobutadiene	50.3		"	50.0		101	83-133		0.599	30	
Isopropylbenzene	51.5		"	50.0		103	70-130		2.66	30	
Methyl acetate	49.8		"	50.0		99.5	70-130		6.75	30	
Methyl tert-butyl ether (MTBE)	52.1		"	50.0		104	70-130		8.04	30	
Methylcyclohexane	49.1		"	50.0		98.1	70-130		1.50	30	
Methylene chloride	50.0		"	50.0		100	70-130		1.47	30	
n-Butylbenzene	50.5		"	50.0		101	80-130		1.82	30	
n-Propylbenzene	51.3		"	50.0		103	74-136		2.87	30	
o-Xylene	50.4		"	50.0		101	70-130		5.24	30	
p- & m- Xylenes	101		"	100		101	70-130		2.48	30	
p-Isopropyltoluene	52.0		"	50.0		104	85-125		3.38	30	
sec-Butylbenzene	51.0		"	50.0		102	83-125		2.50	30	
Styrene	52.0		"	50.0		104	70-130		3.52	30	
tert-Butyl alcohol (TBA)	231		"	250		92.4	70-130		1.67	30	
tert-Butylbenzene	48.7		"	50.0		97.5	80-127		2.16	30	
Tetrachloroethylene	44.8		"	50.0		89.6	70-130		2.33	30	
Toluene	50.8		"	50.0		102	70-130		3.93	30	
trans-1,2-Dichloroethylene	51.0		"	50.0		102	70-130		4.47	30	
trans-1,3-Dichloropropylene	49.6		"	50.0		99.2	70-130		1.24	30	
Trichloroethylene	50.5		"	50.0		101	70-130		3.42	30	
Trichlorofluoromethane	48.4		"	50.0		96.7	40-160		0.726	30	
Vinyl Chloride	52.3		"	50.0		105	70-130		0.402	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.3*		*"*	*50.0*		*96.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.5*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42018 - EPA 5030B											
Blank (BH42018-BLK1) Blank									Prepared & Analyzed: 08/29/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	0.340	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42018 - EPA 5030B											
Blank (BH42018-BLK1) Blank								Prepared & Analyzed: 08/29/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.55*		*"*	*10.0*		*95.5*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*70-130*				
LCS (BH42018-BS1) LCS								Prepared & Analyzed: 08/29/2024			
1,1,1,2-Tetrachloroethane	9.17		ug/L	10.0		91.7	82-126			30	
1,1,1-Trichloroethane	9.54		"	10.0		95.4	70-130			20	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	70-130			20	
1,1,2-Trichloroethane	8.63		"	10.0		86.3	70-130			20	
1,1-Dichloroethane	9.43		"	10.0		94.3	70-130			20	
1,1-Dichloroethylene	11.2		"	10.0		112	70-130			20	
1,1-Dichloropropylene	10.2		"	10.0		102	83-133			30	
1,2,3-Trichlorobenzene	8.70		"	10.0		87.0	70-130			20	
1,2,3-Trichloropropane	12.7		"	10.0		127	77-128			30	
1,2,4-Trichlorobenzene	6.29		"	10.0		62.9	70-130	Low Bias		20	
1,2,4-Trimethylbenzene	11.7		"	10.0		117	82-132			20	
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	40-160			20	
1,2-Dibromoethane	8.40		"	10.0		84.0	70-130			20	
1,2-Dichlorobenzene	9.36		"	10.0		93.6	70-130			20	
1,2-Dichloroethane	8.27		"	10.0		82.7	70-130			20	
1,2-Dichloropropane	10.2		"	10.0		102	70-130			20	
1,3,5-Trimethylbenzene	12.6		"	10.0		126	80-131			30	
1,3-Dichlorobenzene	10.1		"	10.0		101	70-130			20	
1,3-Dichloropropane	8.80		"	10.0		88.0	81-125			30	
1,4-Dichlorobenzene	9.75		"	10.0		97.5	70-130			20	
1,4-Dioxane	149		"	210		71.1	40-160			20	
2,2-Dichloropropane	10.1		"	10.0		101	56-150			30	
2-Butanone	8.39		"	10.0		83.9	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42018 - EPA 5030B											
LCS (BH42018-BS1) LCS								Prepared & Analyzed: 08/29/2024			
2-Chlorotoluene	12.0		ug/L	10.0		120	79-130			30	
2-Hexanone	6.92		"	10.0		69.2	40-160			20	
4-Chlorotoluene	11.9		"	10.0		119	79-128			30	
4-Methyl-2-pentanone	6.90		"	10.0		69.0	40-160			20	
Acetone	10.0		"	10.0		100	40-160			20	
Acrolein	6.29		"	10.0		62.9	10-153			30	
Acrylonitrile	7.71		"	10.0		77.1	51-150			30	
Benzene	9.73		"	10.0		97.3	70-130			20	
Bromobenzene	11.6		"	10.0		116	78-129			30	
Bromochloromethane	8.41		"	10.0		84.1	70-130			20	
Bromodichloromethane	9.12		"	10.0		91.2	70-130			20	
Bromoform	7.69		"	10.0		76.9	70-130			20	
Bromomethane	10.0		"	10.0		100	40-160			20	
Carbon disulfide	11.1		"	10.0		111	40-160			20	
Carbon tetrachloride	10.1		"	10.0		101	70-130			20	
Chlorobenzene	9.31		"	10.0		93.1	70-130			20	
Chloroethane	10.0		"	10.0		100	40-160			20	
Chloroform	9.10		"	10.0		91.0	70-130			20	
Chloromethane	10.6		"	10.0		106	40-160			20	
cis-1,2-Dichloroethylene	9.29		"	10.0		92.9	70-130			20	
cis-1,3-Dichloropropylene	8.64		"	10.0		86.4	70-130			20	
Cyclohexane	8.90		"	10.0		89.0	70-130			20	
Dibromochloromethane	8.55		"	10.0		85.5	70-130			20	
Dibromomethane	8.87		"	10.0		88.7	72-134			30	
Dichlorodifluoromethane	12.7		"	10.0		127	40-160			20	
Ethyl Benzene	10.5		"	10.0		105	70-130			20	
Hexachlorobutadiene	7.05		"	10.0		70.5	67-146			30	
Isopropylbenzene	13.9		"	10.0		139	70-130	High Bias		20	
Methyl acetate	7.57		"	10.0		75.7	70-130			20	
Methyl tert-butyl ether (MTBE)	6.54		"	10.0		65.4	70-130	Low Bias		20	
Methylcyclohexane	11.3		"	10.0		113	70-130			20	
Methylene chloride	9.00		"	10.0		90.0	70-130			20	
n-Butylbenzene	10.8		"	10.0		108	79-132			30	
n-Propylbenzene	13.5		"	10.0		135	78-133	High Bias		30	
o-Xylene	9.67		"	10.0		96.7	70-130			20	
p- & m- Xylenes	20.7		"	20.0		103	70-130			20	
p-Isopropyltoluene	12.5		"	10.0		125	81-136			30	
sec-Butylbenzene	12.8		"	10.0		128	79-137			30	
Styrene	9.09		"	10.0		90.9	70-130			20	
tert-Butyl alcohol (TBA)	13.5		"	50.0		27.1	25-162			30	
tert-Butylbenzene	11.9		"	10.0		119	77-138			30	
Tetrachloroethylene	10.2		"	10.0		102	70-130			20	
Toluene	10.5		"	10.0		105	70-130			20	
trans-1,2-Dichloroethylene	9.97		"	10.0		99.7	70-130			20	
trans-1,3-Dichloropropylene	7.54		"	10.0		75.4	70-130			20	
Trichloroethylene	10.5		"	10.0		105	70-130			20	
Trichlorofluoromethane	9.99		"	10.0		99.9	40-160			20	
Vinyl Chloride	10.7		"	10.0		107	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.48*		*"*	*10.0*		*84.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.9*		*"*	*10.0*		*109*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*12.0*		*"*	*10.0*		*120*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42018 - EPA 5030B											
LCS (BH42018-BS1) LCS								Prepared & Analyzed: 08/29/2024			
LCS Dup (BH42018-BSD1) LCS Dup								Prepared & Analyzed: 08/29/2024			
1,1,1,2-Tetrachloroethane	9.74		ug/L	10.0		97.4	82-126		6.03	30	
1,1,1-Trichloroethane	9.30		"	10.0		93.0	70-130		2.55	20	
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	70-130		3.66	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	70-130		3.01	20	
1,1,2-Trichloroethane	9.73		"	10.0		97.3	70-130		12.0	20	
1,1-Dichloroethane	9.57		"	10.0		95.7	70-130		1.47	20	
1,1-Dichloroethylene	10.6		"	10.0		106	70-130		5.48	20	
1,1-Dichloropropylene	9.77		"	10.0		97.7	83-133		3.91	30	
1,2,3-Trichlorobenzene	11.1		"	10.0		111	70-130		24.5	20	Non-dir.
1,2,3-Trichloropropane	12.3		"	10.0		123	77-128		3.03	30	
1,2,4-Trichlorobenzene	8.08		"	10.0		80.8	70-130		24.9	20	Non-dir.
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132		7.73	20	
1,2-Dibromo-3-chloropropane	12.5		"	10.0		125	40-160		19.5	20	
1,2-Dibromoethane	9.18		"	10.0		91.8	70-130		8.87	20	
1,2-Dichlorobenzene	9.55		"	10.0		95.5	70-130		2.01	20	
1,2-Dichloroethane	9.42		"	10.0		94.2	70-130		13.0	20	
1,2-Dichloropropane	9.92		"	10.0		99.2	70-130		2.29	20	
1,3,5-Trimethylbenzene	11.0		"	10.0		110	80-131		13.1	30	
1,3-Dichlorobenzene	9.72		"	10.0		97.2	70-130		3.54	20	
1,3-Dichloropropane	9.60		"	10.0		96.0	81-125		8.70	30	
1,4-Dichlorobenzene	9.43		"	10.0		94.3	70-130		3.34	20	
1,4-Dioxane	183		"	210		87.3	40-160		20.5	20	Non-dir.
2,2-Dichloropropane	9.83		"	10.0		98.3	56-150		2.41	30	
2-Butanone	8.91		"	10.0		89.1	40-160		6.01	20	
2-Chlorotoluene	10.4		"	10.0		104	79-130		14.7	30	
2-Hexanone	8.82		"	10.0		88.2	40-160		24.1	20	Non-dir.
4-Chlorotoluene	10.6		"	10.0		106	79-128		11.5	30	
4-Methyl-2-pentanone	7.92		"	10.0		79.2	40-160		13.8	20	
Acetone	10.5		"	10.0		105	40-160		5.06	20	
Acrolein	4.28		"	10.0		42.8	10-153		38.0	30	Non-dir.
Acrylonitrile	9.77		"	10.0		97.7	51-150		23.6	30	
Benzene	9.90		"	10.0		99.0	70-130		1.73	20	
Bromobenzene	10.5		"	10.0		105	78-129		9.90	30	
Bromochloromethane	9.28		"	10.0		92.8	70-130		9.84	20	
Bromodichloromethane	9.52		"	10.0		95.2	70-130		4.29	20	
Bromoform	8.46		"	10.0		84.6	70-130		9.54	20	
Bromomethane	9.53		"	10.0		95.3	40-160		5.11	20	
Carbon disulfide	10.6		"	10.0		106	40-160		5.06	20	
Carbon tetrachloride	9.68		"	10.0		96.8	70-130		4.15	20	
Chlorobenzene	9.32		"	10.0		93.2	70-130		0.107	20	
Chloroethane	9.67		"	10.0		96.7	40-160		3.36	20	
Chloroform	9.50		"	10.0		95.0	70-130		4.30	20	
Chloromethane	9.97		"	10.0		99.7	40-160		6.03	20	
cis-1,2-Dichloroethylene	9.64		"	10.0		96.4	70-130		3.70	20	
cis-1,3-Dichloropropylene	9.38		"	10.0		93.8	70-130		8.21	20	
Cyclohexane	8.40		"	10.0		84.0	70-130		5.78	20	
Dibromochloromethane	9.17		"	10.0		91.7	70-130		7.00	20	
Dibromomethane	9.13		"	10.0		91.3	72-134		2.89	30	
Dichlorodifluoromethane	11.7		"	10.0		117	40-160		7.71	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42018 - EPA 5030B											
LCS Dup (BH42018-BSD1) LCS Dup							Prepared & Analyzed: 08/29/2024				
Ethyl Benzene	10.2		ug/L	10.0		102	70-130		3.58	20	
Hexachlorobutadiene	9.19		"	10.0		91.9	67-146		26.4	30	
Isopropylbenzene	11.2		"	10.0		112	70-130		21.6	20	Non-dir.
Methyl acetate	9.69		"	10.0		96.9	70-130		24.6	20	Non-dir.
Methyl tert-butyl ether (MTBE)	9.21		"	10.0		92.1	70-130		33.9	20	Non-dir.
Methylcyclohexane	10.0		"	10.0		100	70-130		12.1	20	
Methylene chloride	9.46		"	10.0		94.6	70-130		4.98	20	
n-Butylbenzene	10.6		"	10.0		106	79-132		1.86	30	
n-Propylbenzene	11.2		"	10.0		112	78-133		18.6	30	
o-Xylene	9.69		"	10.0		96.9	70-130		0.207	20	
p- & m- Xylenes	20.1		"	20.0		100	70-130		2.84	20	
p-Isopropyltoluene	11.2		"	10.0		112	81-136		10.6	30	
sec-Butylbenzene	11.1		"	10.0		111	79-137		14.0	30	
Styrene	9.69		"	10.0		96.9	70-130		6.39	20	
tert-Butyl alcohol (TBA)	14.9		"	50.0		29.8	25-162		9.63	30	
tert-Butylbenzene	10.1		"	10.0		101	77-138		16.3	30	
Tetrachloroethylene	9.23		"	10.0		92.3	70-130		10.1	20	
Toluene	9.92		"	10.0		99.2	70-130		6.06	20	
trans-1,2-Dichloroethylene	9.77		"	10.0		97.7	70-130		2.03	20	
trans-1,3-Dichloropropylene	8.27		"	10.0		82.7	70-130		9.23	20	
Trichloroethylene	9.59		"	10.0		95.9	70-130		9.34	20	
Trichlorofluoromethane	9.48		"	10.0		94.8	40-160		5.24	20	
Vinyl Chloride	9.73		"	10.0		97.3	70-130		9.68	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.31*		*"*	*10.0*		*93.1*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42098 - EPA 3550C											
Blank (BH42098-BLK1) Blank									Prepared: 08/30/2024 Analyzed: 08/31/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42098 - EPA 3550C											
Blank (BH42098-BLK1) Blank									Prepared: 08/30/2024 Analyzed: 08/31/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.922*		"	*1.66*		*55.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.833*		"	*1.66*		*50.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.535*		"	*0.831*		*64.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.433*		"	*0.831*		*52.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.904*		"	*1.66*		*54.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.440*		"	*0.831*		*53.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42098 - EPA 3550C											
LCS (BH42098-BS1) LCS							Prepared: 08/30/2024 Analyzed: 08/31/2024				
1,1-Biphenyl	0.386	0.0416	mg/kg wet	0.831		46.5	18-111				
1,2,4,5-Tetrachlorobenzene	0.398	0.0830	"	0.831		48.0	21-131				
1,2,4-Trichlorobenzene	0.417	0.0416	"	0.831		50.2	10-140				
1,2-Dichlorobenzene	0.396	0.0416	"	0.831		47.7	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.394	0.0416	"	0.831		47.5	17-137				
1,3-Dichlorobenzene	0.383	0.0416	"	0.831		46.1	33-110				
1,4-Dichlorobenzene	0.395	0.0416	"	0.831		47.5	32-104				
2,3,4,6-Tetrachlorophenol	0.557	0.0830	"	0.831		67.1	30-130				
2,4,5-Trichlorophenol	0.446	0.0416	"	0.831		53.6	27-118				
2,4,6-Trichlorophenol	0.416	0.0416	"	0.831		50.0	31-120				
2,4-Dichlorophenol	0.422	0.0416	"	0.831		50.8	20-127				
2,4-Dimethylphenol	0.386	0.0416	"	0.831		46.5	14-132				
2,4-Dinitrophenol	ND	0.0830	"	0.831			10-171	Low Bias			
2,4-Dinitrotoluene	0.407	0.0416	"	0.831		49.0	34-131				
2,6-Dinitrotoluene	0.418	0.0416	"	0.831		50.3	31-128				
2-Chloronaphthalene	0.400	0.0416	"	0.831		48.1	31-117				
2-Chlorophenol	0.416	0.0416	"	0.831		50.1	33-113				
2-Methylnaphthalene	0.397	0.0416	"	0.831		47.8	12-138				
2-Methylphenol	0.378	0.0416	"	0.831		45.5	10-136				
2-Nitroaniline	0.510	0.0830	"	0.831		61.4	27-132				
2-Nitrophenol	0.259	0.0416	"	0.831		31.2	17-129				
3- & 4-Methylphenols	0.319	0.0416	"	0.831		38.4	29-103				
3,3-Dichlorobenzidine	0.424	0.0416	"	0.831		51.0	22-149				
3-Nitroaniline	0.526	0.0830	"	0.831		63.3	20-133				
4,6-Dinitro-2-methylphenol	ND	0.0830	"	0.831			10-143	Low Bias			
4-Bromophenyl phenyl ether	0.397	0.0416	"	0.831		47.8	29-120				
4-Chloro-3-methylphenol	0.431	0.0416	"	0.831		51.9	24-129				
4-Chloroaniline	0.367	0.0416	"	0.831		44.2	10-132				
4-Chlorophenyl phenyl ether	0.369	0.0416	"	0.831		44.5	27-124				
4-Nitroaniline	0.556	0.0830	"	0.831		67.0	16-128				
4-Nitrophenol	0.481	0.0830	"	0.831		57.9	10-141				
Acenaphthene	0.377	0.0416	"	0.831		45.4	30-121				
Acenaphthylene	0.373	0.0416	"	0.831		45.0	30-115				
Acetophenone	0.388	0.0416	"	0.831		46.7	20-112				
Aniline	0.305	0.166	"	0.831		36.7	10-119				
Anthracene	0.426	0.0416	"	0.831		51.3	34-118				
Atrazine	0.464	0.0416	"	0.831		55.9	26-112				
Benzaldehyde	0.297	0.0416	"	0.831		35.7	21-100				
Benzo(a)anthracene	0.412	0.0416	"	0.831		49.6	32-122				
Benzo(a)pyrene	0.426	0.0416	"	0.831		51.3	29-133				
Benzo(b)fluoranthene	0.439	0.0416	"	0.831		52.8	25-133				
Benzo(g,h,i)perylene	0.355	0.0416	"	0.831		42.8	10-143				
Benzo(k)fluoranthene	0.410	0.0416	"	0.831		49.4	25-128				
Benzoic acid	0.0578	0.0416	"	0.831		6.96	10-140	Low Bias			
Benzyl alcohol	0.371	0.0416	"	0.831		44.7	30-115				
Benzyl butyl phthalate	0.448	0.0416	"	0.831		54.0	26-126				
Bis(2-chloroethoxy)methane	0.377	0.0416	"	0.831		45.4	19-132				
Bis(2-chloroethyl)ether	0.367	0.0416	"	0.831		44.2	19-125				
Bis(2-chloroisopropyl)ether	0.339	0.0416	"	0.831		40.8	20-135				
Bis(2-ethylhexyl)phthalate	0.466	0.0416	"	0.831		56.2	10-155				
Caprolactam	0.435	0.0830	"	0.831		52.4	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42098 - EPA 3550C											
LCS (BH42098-BS1) LCS								Prepared: 08/30/2024 Analyzed: 08/31/2024			
Carbazole	0.432	0.0416	mg/kg wet	0.831		52.0	35-123				
Chrysene	0.401	0.0416	"	0.831		48.3	32-123				
Dibenzo(a,h)anthracene	0.412	0.0416	"	0.831		49.6	10-136				
Dibenzofuran	0.374	0.0416	"	0.831		45.0	29-121				
Diethyl phthalate	0.413	0.0416	"	0.831		49.7	34-116				
Dimethyl phthalate	0.393	0.0416	"	0.831		47.4	35-124				
Di-n-butyl phthalate	0.458	0.0416	"	0.831		55.1	31-116				
Di-n-octyl phthalate	0.513	0.0416	"	0.831		61.7	26-136				
Fluoranthene	0.447	0.0416	"	0.831		53.8	33-122				
Fluorene	0.383	0.0416	"	0.831		46.1	29-123				
Hexachlorobenzene	0.502	0.0416	"	0.831		60.5	21-124				
Hexachlorobutadiene	0.417	0.0416	"	0.831		50.2	10-149				
Hexachlorocyclopentadiene	ND	0.0416	"	0.831			10-129	Low Bias			
Hexachloroethane	0.333	0.0416	"	0.831		40.1	28-108				
Indeno(1,2,3-cd)pyrene	0.496	0.0416	"	0.831		59.8	10-135				
Isophorone	0.397	0.0416	"	0.831		47.8	20-132				
Naphthalene	0.407	0.0416	"	0.831		49.0	23-124				
Nitrobenzene	0.465	0.0416	"	0.831		56.0	13-132				
N-Nitrosodimethylamine	0.366	0.0416	"	0.831		44.1	11-129				
N-nitroso-di-n-propylamine	0.368	0.0416	"	0.831		44.3	24-119				
N-Nitrosodiphenylamine	0.405	0.0416	"	0.831		48.8	22-152				
Pentachlorophenol	0.396	0.0416	"	0.831		47.7	10-139				
Phenanthrene	0.424	0.0416	"	0.831		51.0	33-123				
Phenol	0.395	0.0416	"	0.831		47.6	23-115				
Pyrene	0.386	0.0416	"	0.831		46.5	24-130				
Pyridine	0.331	0.166	"	0.831		39.9	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.807*		"	*1.66*		*48.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.750*		"	*1.66*		*45.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.503*		"	*0.831*		*60.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.402*		"	*0.831*		*48.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.919*		"	*1.66*		*55.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.407*		"	*0.831*		*49.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40042 - EPA 3550C											
Blank (BI40042-BLK1) Blank									Prepared: 09/03/2024 Analyzed: 09/04/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*405*		*"*	*495*		*81.8*	*39-127.5*				
LCS (BI40042-BS1) LCS									Prepared: 09/03/2024 Analyzed: 09/04/2024		
1,4-Dioxane	484	19.8	ug/kg	495		97.8	40-130				
Surrogate: 1,4-Dioxane-d8	*382*		*"*	*495*		*77.2*	*39-127.5*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
Blank (BI40040-BLK1) Blank									Prepared: 09/03/2024 Analyzed: 09/04/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.992	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.96	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*2.48*		"	*2.31*		*107*	*25-150*				
Surrogate: M5PFHxA	*2.48*		"	*2.48*		*100*	*25-150*				
Surrogate: M4PFHpA	*2.44*		"	*2.48*		*98.4*	*25-150*				
Surrogate: M3PFHxS	*2.34*		"	*2.35*		*99.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.70*		"	*2.48*		*109*	*25-150*				
Surrogate: M6PFDA	*1.26*		"	*1.24*		*102*	*25-150*				
Surrogate: M7PFUdA	*0.976*		"	*1.24*		*78.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.786*		"	*1.24*		*63.4*	*25-150*				
Surrogate: M2PFTeDA	*0.617*		"	*1.24*		*49.8*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
Blank (BI40040-BLK1) Blank									Prepared: 09/03/2024 Analyzed: 09/04/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.61*		*ug/kg wet*	*9.92*		*86.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		*"*	*2.38*		*98.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.32*		*"*	*4.96*		*87.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.23*		*"*	*2.48*		*90.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.00*		*"*	*4.96*		*80.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.57*		*"*	*4.96*		*92.2*	*25-150*				
Surrogate: M2-6:2 FTS	*8.68*		*"*	*4.72*		*184*	*25-200*				
Surrogate: M2-8:2 FTS	*4.60*		*"*	*4.76*		*96.6*	*25-200*				
Surrogate: M9PFNA	*1.31*		*"*	*1.24*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*12.0*		*"*	*4.65*		*257*	*25-150*				
Surrogate: d-N-MeFOSA	*1.77*		*"*	*2.48*		*71.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.25*		*"*	*2.48*		*50.3*	*25-150*				
Surrogate: M3HFPO-DA	*11.4*		*"*	*9.92*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*6.04*		*"*	*24.8*		*24.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.94*		*"*	*24.8*		*23.9*	*25-150*				
LCS (BI40040-BS1) LCS									Prepared: 09/03/2024 Analyzed: 09/04/2024		
Perfluorobutanesulfonic acid (PFBS)	3.70	0.174	ug/kg wet	3.48		106	50-150				
Perfluorohexanoic acid (PFHxA)	3.84	0.196	"	3.93		97.7	50-150				
Perfluoroheptanoic acid (PFHpA)	4.07	0.196	"	3.93		103	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.23	0.180	"	3.60		89.9	50-150				
Perfluorooctanoic acid (PFOA)	4.50	0.196	"	3.93		114	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.76	0.183	"	3.65		103	50-150				
Perfluorononanoic acid (PFNA)	4.03	0.196	"	3.93		103	50-150				
Perfluorodecanoic acid (PFDA)	3.11	0.196	"	3.93		79.1	50-150				
Perfluoroundecanoic acid (PFUnA)	3.72	0.196	"	3.93		94.8	50-150				
Perfluorododecanoic acid (PFDoA)	3.98	0.196	"	3.93		101	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.83	0.196	"	3.93		97.4	50-150				
Perfluorotetradecanoic acid (PFTA)	3.69	0.196	"	3.93		94.0	50-150				
N-MeFOSAA	4.36	0.196	"	3.93		111	50-150				
N-EtFOSAA	4.18	0.196	"	3.93		106	50-150				
Perfluoropentanoic acid (PFPeA)	8.14	0.393	"	7.86		104	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.10	0.196	"	3.93		104	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.43	0.196	"	3.75		118	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.55	0.190	"	3.79		67.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.6	0.747	"	14.9		97.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.6	0.754	"	15.1		104	50-150				
Perfluoro-n-butanoic acid (PFBA)	16.6	0.786	"	15.7		106	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.05	0.350	"	6.99		129	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.06	0.393	"	7.86		103	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.20	0.393	"	7.86		91.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.96	0.393	"	7.86		114	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.50	0.185	"	3.69		94.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.6	0.737	"	14.7		92.1	50-150				
HFPO-DA (Gen-X)	7.92	0.786	"	7.86		101	50-150				
11CL-PF3OUdS	5.15	0.743	"	7.43		69.4	50-150				
9CL-PF3ONS	7.26	0.735	"	7.35		98.8	50-150				
ADONA	7.64	0.743	"	7.43		103	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
LCS (BI40040-BS1) LCS								Prepared: 09/03/2024 Analyzed: 09/04/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.14	0.191	ug/kg wet	3.81		56.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.54	0.189	"	3.77		93.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	19.7	0.982	"	15.7		125	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	92.8	4.91	"	78.6		118	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	89.8	4.91	"	78.6		114	50-150				
N-MeFOSE	44.7	1.96	"	39.3		114	50-150				
N-MeFOSA	3.90	0.196	"	3.93		99.2	50-150				
N-EtFOSE	37.3	1.96	"	39.3		95.0	50-150				
N-EtFOSA	4.14	0.196	"	3.93		105	50-150				
Surrogate: M3PFBS	*2.24*		*"*	*2.29*		*97.9*	*25-150*				
Surrogate: M5PFHxA	*2.36*		*"*	*2.46*		*96.3*	*25-150*				
Surrogate: M4PFHpA	*2.62*		*"*	*2.46*		*107*	*25-150*				
Surrogate: M3PFHxS	*2.37*		*"*	*2.33*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.42*		*"*	*2.46*		*98.6*	*25-150*				
Surrogate: M6PFDA	*1.37*		*"*	*1.23*		*111*	*25-150*				
Surrogate: M7PFUdA	*1.07*		*"*	*1.23*		*87.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.778*		*"*	*1.23*		*63.4*	*25-150*				
Surrogate: M2PFTeDA	*0.766*		*"*	*1.23*		*62.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.40*		*"*	*9.82*		*65.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		*"*	*2.35*		*99.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.34*		*"*	*4.91*		*88.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.24*		*"*	*2.46*		*91.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.31*		*"*	*4.91*		*87.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.52*		*"*	*4.91*		*92.0*	*25-150*				
Surrogate: M2-6:2 FTS	*8.29*		*"*	*4.67*		*177*	*25-200*				
Surrogate: M2-8:2 FTS	*4.93*		*"*	*4.72*		*105*	*25-200*				
Surrogate: M9PFNA	*1.10*		*"*	*1.23*		*89.9*	*25-150*				
Surrogate: M2-4:2 FTS	*11.8*		*"*	*4.61*		*257*	*25-150*				
Surrogate: d-N-MeFOSA	*1.83*		*"*	*2.46*		*74.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.60*		*"*	*2.46*		*65.0*	*25-150*				
Surrogate: M3HFPO-DA	*10.9*		*"*	*9.82*		*111*	*25-150*				
Surrogate: d9-N-EtFOSE	*7.74*		*"*	*24.6*		*31.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*6.46*		*"*	*24.6*		*26.3*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
LCS (BI40040-BS2) LCS								Prepared: 09/03/2024 Analyzed: 09/04/2024			
Perfluorobutanesulfonic acid (PFBS)	0.678	0.176	ug/kg wet	0.702		96.5	50-150				
Perfluorohexanoic acid (PFHxA)	0.738	0.198	"	0.794		93.0	50-150				
Perfluoroheptanoic acid (PFHpA)	0.859	0.198	"	0.794		108	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.578	0.182	"	0.726		79.5	50-150				
Perfluorooctanoic acid (PFOA)	0.731	0.198	"	0.794		92.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.704	0.185	"	0.738		95.4	50-150				
Perfluorononanoic acid (PFNA)	0.687	0.198	"	0.794		86.6	50-150				
Perfluorodecanoic acid (PFDA)	0.674	0.198	"	0.794		84.9	50-150				
Perfluoroundecanoic acid (PFUnA)	0.769	0.198	"	0.794		96.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.790	0.198	"	0.794		99.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.815	0.198	"	0.794		103	50-150				
Perfluorotetradecanoic acid (PFTA)	0.739	0.198	"	0.794		93.1	50-150				
N-MeFOSAA	0.952	0.198	"	0.794		120	50-150				
N-EtFOSAA	0.827	0.198	"	0.794		104	50-150				
Perfluoropentanoic acid (PFPeA)	1.52	0.397	"	1.59		95.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.754	0.198	"	0.794		95.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.834	0.198	"	0.758		110	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.557	0.191	"	0.766		72.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.66	0.754	"	3.02		88.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.89	0.762	"	3.05		94.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.05	0.794	"	3.17		96.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.67	0.353	"	1.41		118	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.40	0.397	"	1.59		88.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.877	0.397	"	1.59		55.2	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.63	0.397	"	1.59		103	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.647	0.187	"	0.746		86.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.70	0.744	"	2.98		90.9	50-150				
HFPO-DA (Gen-X)	2.11	0.794	"	1.59		133	50-150				
11CL-PF3OUdS	1.06	0.750	"	1.50		70.8	50-150				
9CL-PF3ONS	1.54	0.742	"	1.48		104	50-150				
ADONA	1.46	0.750	"	1.50		97.6	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.440	0.192	"	0.770		57.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.748	0.190	"	0.762		98.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	3.59	0.992	"	3.17		113	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	17.3	4.96	"	15.9		109	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	18.0	4.96	"	15.9		113	50-150				
N-MeFOSE	8.44	1.98	"	7.94		106	50-150				
N-MeFOSA	0.839	0.198	"	0.794		106	50-150				
N-EtFOSE	7.85	1.98	"	7.94		98.9	50-150				
N-EtFOSA	0.815	0.198	"	0.794		103	50-150				
Surrogate: M3PFBS	*2.41*		"	*2.31*		*104*	*25-150*				
Surrogate: M5PFHxA	*2.61*		"	*2.48*		*105*	*25-150*				
Surrogate: M4PFHpA	*2.60*		"	*2.48*		*105*	*25-150*				
Surrogate: M3PFHxS	*2.40*		"	*2.35*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.95*		"	*2.48*		*119*	*25-150*				
Surrogate: M6PFDA	*1.50*		"	*1.24*		*121*	*25-150*				
Surrogate: M7PFUdA	*1.07*		"	*1.24*		*86.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.898*		"	*1.24*		*72.4*	*25-150*				
Surrogate: M2PFTeDA	*0.794*		"	*1.24*		*64.0*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
LCS (BI40040-BS2) LCS								Prepared: 09/03/2024 Analyzed: 09/04/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.80*		*ug/kg wet*	*9.92*		*18.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.40*		*"*	*2.38*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.79*		*"*	*4.96*		*96.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.49*		*"*	*2.48*		*100*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.93*		*"*	*4.96*		*99.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.13*		*"*	*4.96*		*103*	*25-150*				
Surrogate: M2-6:2 FTS	*7.99*		*"*	*4.72*		*169*	*25-200*				
Surrogate: M2-8:2 FTS	*5.11*		*"*	*4.76*		*107*	*25-200*				
Surrogate: M9PFNA	*1.38*		*"*	*1.24*		*112*	*25-150*				
Surrogate: M2-4:2 FTS	*10.2*		*"*	*4.65*		*219*	*25-150*				
Surrogate: d-N-MeFOSA	*2.03*		*"*	*2.48*		*81.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.70*		*"*	*2.48*		*68.4*	*25-150*				
Surrogate: M3HFPO-DA	*11.4*		*"*	*9.92*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.15*		*"*	*24.8*		*32.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*7.73*		*"*	*24.8*		*31.2*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42095 - EPA 3550C											
Blank (BH42095-BLK1) Blank									Prepared & Analyzed: 08/30/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0469*		*"*	*0.0664*		*70.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0636*		*"*	*0.0664*		*95.8*	*30-150*				
LCS (BH42095-BS1) LCS									Prepared & Analyzed: 08/30/2024		
4,4'-DDD	0.0288	0.00164	mg/kg wet	0.0332		86.6	40-140				
4,4'-DDE	0.0276	0.00164	"	0.0332		83.1	40-140				
4,4'-DDT	0.0256	0.00164	"	0.0332		77.0	40-140				
Aldrin	0.0269	0.00164	"	0.0332		80.9	40-140				
alpha-BHC	0.0297	0.00164	"	0.0332		89.4	40-140				
alpha-Chlordane	0.0271	0.00164	"	0.0332		81.6	40-140				
beta-BHC	0.0290	0.00164	"	0.0332		87.2	40-140				
delta-BHC	0.0249	0.00164	"	0.0332		75.0	40-140				
Dieldrin	0.0284	0.00164	"	0.0332		85.6	40-140				
Endosulfan I	0.0291	0.00164	"	0.0332		87.6	40-140				
Endosulfan II	0.0295	0.00164	"	0.0332		88.7	40-140				
Endosulfan sulfate	0.0222	0.00164	"	0.0332		66.9	40-140				
Endrin	0.0314	0.00164	"	0.0332		94.4	40-140				
Endrin aldehyde	0.0305	0.00164	"	0.0332		91.9	40-140				
Endrin ketone	0.0273	0.00164	"	0.0332		82.2	40-140				
gamma-BHC (Lindane)	0.0268	0.00164	"	0.0332		80.5	40-140				
gamma-Chlordane	0.0276	0.00164	"	0.0332		83.2	40-140				
Heptachlor	0.0279	0.00164	"	0.0332		83.9	40-140				
Heptachlor epoxide	0.0289	0.00164	"	0.0332		86.8	40-140				
Methoxychlor	0.0223	0.00164	"	0.0332		67.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0413*		*"*	*0.0664*		*62.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0531*		*"*	*0.0664*		*80.0*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42095 - EPA 3550C											
Blank (BH42095-BLK2) Blank								Prepared & Analyzed: 08/30/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0638*		*"*	*0.0664*		*96.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0346*		*"*	*0.0664*		*52.0*	*30-120*				
LCS (BH42095-BS2) LCS								Prepared & Analyzed: 08/30/2024			
Aroclor 1016	0.252	0.0166	mg/kg wet	0.332		75.8	40-130				
Aroclor 1260	0.253	0.0166	"	0.332		76.3	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0525*		*"*	*0.0664*		*79.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0339*		*"*	*0.0664*		*51.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41998 - EPA 3550C/8151A											
Blank (BH41998-BLK1) Blank									Prepared: 08/29/2024 Analyzed: 08/31/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.561*		*"*	*0.831*		*67.5*	*21-150*				
LCS (BH41998-BS1) LCS									Prepared: 08/29/2024 Analyzed: 08/31/2024		
2,4,5-T	0.0523	0.0199	mg/kg wet	0.0664		78.7	10-120				
2,4,5-TP (Silvex)	0.0631	0.0199	"	0.0664		95.0	10-120				
2,4-D	0.0573	0.0199	"	0.0664		86.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.561*		*"*	*0.831*		*67.6*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41988 - EPA 3050B											
Blank (BH41988-BLK1) Blank									Prepared: 08/29/2024 Analyzed: 08/30/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	29.1	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BH41988-SRM1) Reference									Prepared: 08/29/2024 Analyzed: 08/30/2024		
Aluminum	7690	4.17	mg/kg wet	7680		100	35.7-119				
Antimony	68.3	2.08	"	244		28.0	0-99.5				
Arsenic	255	1.25	"	283		90.0	69.9-101.4				
Barium	315	2.08	"	326		96.6	73.9-107.1				
Beryllium	173	0.042	"	175		98.7	75.4-107.4				
Cadmium	90.6	0.250	"	95.8		94.5	72.3-103.7				
Calcium	5500	4.17	"	5470		101	79.5-113.2				
Chromium	223	0.417	"	239		93.5	72.4-106.3				
Cobalt	148	0.333	"	150		98.5	76-107.3				
Copper	227	1.67	"	217		104	74.7-105.1				
Iron	7400	20.8	"	7360		100	53-127.9				
Lead	206	0.417	"	210		98.2	75.7-109.5				
Magnesium	2120	4.17	"	2080		102	67.3-111.1				
Manganese	276	0.417	"	290		95.0	73.4-108.3				
Nickel	322	0.830	"	329		97.8	74.5-106.7				
Potassium	2330	4.17	"	2330		100	60.9-111.6				
Selenium	280	2.08	"	281		99.6	77.6-116.7				
Silver	82.5	0.420	"	82.7		99.8	73.7-111.7				
Sodium	1390	41.7	"	427		326	71.2-118.7	High Bias			
Thallium	119	2.08	"	123		96.9	70.2-104.8				
Vanadium	179	0.830	"	192		93.1	68.8-107.8				
Zinc	248	2.08	"	260		95.5	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42096 - EPA 7473 soil											
Blank (BH42096-BLK1) Blank									Prepared: 08/30/2024 Analyzed: 08/31/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH42096-SRM1) Reference									Prepared: 08/30/2024 Analyzed: 08/31/2024		
Mercury	19.802		mg/kg	18.2		109	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42050 - Analysis Preparation Soil											
Blank (BH42050-BLK1) Blank								Prepared & Analyzed: 08/30/2024			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH42050-SRM1) Reference								Prepared & Analyzed: 08/30/2024			
Cyanide, total	53.7		ug/mL	59.7		90.0	38.5-161.4				
Batch BH42076 - EPA SW846-3060											
Blank (BH42076-BLK1) Blank								Prepared & Analyzed: 08/30/2024			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BH42076-DUP1) Duplicate	*Source sample: 24H1973-01 (PE08_16)							Prepared & Analyzed: 08/30/2024			
Chromium, Hexavalent	ND	0.554	mg/kg dry		ND					35	
Matrix Spike (BH42076-MS1) Matrix Spike	*Source sample: 24H1973-01 (PE08_16)							Prepared & Analyzed: 08/30/2024			
Chromium, Hexavalent	12.5	0.554	mg/kg dry	22.2	ND	56.6	75-125	Low Bias			
Matrix Spike Dup (BH42076-! Matrix Spike Dup	*Source sample: 24H1973-01 (PE08_16)							Prepared & Analyzed: 08/30/2024			
Chromium, Hexavalent	14.0	0.554	mg/kg dry	22.2	ND	63.0	75-125	Low Bias	10.7	200	
Reference (BH42076-SRM1) Reference								Prepared & Analyzed: 08/30/2024			
Chromium, Hexavalent	259		mg/L	227		114	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H1973-01	PE08_16	40mL Vial with Stir Bar-Cool 4° C
24H1973-02	TB_08282024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-D	The surrogates were spiked at twice the normal concentration and recovery is within limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: PCB analysis was requested by the client on 8/29/24. A revised COC was provided. On 9/5/24, it was requested to remove the dash between PE and 08 in the sample ID.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 2441973

Report To:	Invoice To:
Company: GANGAN	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address:
Phone.: 973-526-4900	Phone.: SAME
Contact: Lauren Kott	Contact:
E-mail: lkott@langan.com	E-mail:

YOUR Project Name / Number: 100688801 12096 Flatlands Avenue

PO Number:

Samples Collected From: NY X | NJ | CT | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) X | PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Daniel Horvath

Matrix Codes
S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil
Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	PCBs	Grab or Comp	
PE-08-16	8/28	0930	Soil	3									1	X	X	X	X	X	X	X	X	X	G/C	CT RCP
TB-082824					2									X										

Report Type (circle): QA Report | Summary (Results Only) | NY ASP B Package | NJ Reduced | NJ DKQP | NJ Full | CT RCP

EDD Type (circle): EQuIS (standard) | NYSDEC EQuIS | NJDEP SRP Haz Site | Standard Excel | CMDP | Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered | Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Daniel Horvath/Langan	8/28 1515	[illegible]	8/28/24 1515	[illegible]	8/28/24 15:47
2. Samples Received by / Company	**Date/Time**	**3. Samples Relinquished by / Company**	**Date/Time**	**3. Samples Received by / Company**	**Date/Time**
YORK	8/28/24 1547 4.1°C	YORK	8/28/24 1850	Ramon Huron	8/28/24 1900
4. Samples Relinquished by / Company	**Date/Time**	**4. Samples Received by / Company**	**Date/Time**	**Samples Received in LAB by**	**Date/Time** / **Temperature**
Ramon Duron	8/28/24 19:50			JMavaro	8/28/24 19:50 3.2°C

Lauren Kott

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Thursday, October 3, 2024 3:08 PM
To: Amanda Forsburg
Cc: Lauren Kott; Obligado, Andre A (DEC)
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Reuse On-Site Soil

Good Afternoon Amanda,

The Department has reviewed the reuse request of 800 cubic yards of on-site soil obtained from the Northeast and Southwest portions of 12096 Flatlands Ave, Brooklyn, NY. Based on the information provided, the request is hereby approved.

The proposed fill material meets the requirements for reuse of soil as specified in section 5.4(e)4 of DER-10. Therefore, this material may be used to backfill excavations for pile cap construction.

Testing in accordance with DER-10 and the Remedial Design Work Plan and approval by the Department is required for any additional material imported from this source.

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov |

From: Amanda Forsburg <aforsburg@Langan.com>
Sent: Friday, September 27, 2024 11:17 AM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Cc: Lauren Kott <lkott@langan.com>
Subject: 12096 Flatlands Avenue (C224290) Request to Reuse On-Site Soil

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Good morning, Steven,

We have received more endpoint sample analytical results that meet the Track 2 RR SCOs and support the potential for soil reuse. As with our previous request and follow up correspondence, the material will consist of soil excavated for pile cap construction that will be reused across the Site footprint as backfill around excavated pile caps.

Please let us know if you have any comments or questions. We greatly appreciate your prompt review.

Regards,

Amanda

Amanda Forsburg, CHMM
Associate Principal

LANGAN

Direct: 973.560.4574
Mobile: 201.615.9726
File Sharing Link
www.langan.com

NEW JERSEY NEW YORK CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC
OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

From: Amanda Forsburg
Sent: Wednesday, September 11, 2024 11:28 AM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Cc: Lauren Kott <lkott@langan.com>
Subject: 12096 Flatlands Avenue (C224290) Request to Reuse On-Site Soil
Importance: High

Good morning, Steven,

Per our previous correspondence, please find attached a request to reuse on-Site soil meeting the Track 2 SCOs and PGW SCOs in the northern portion of the site. The material will consist of soil excavated for pile cap construction and immediately being replaced in the area around the constructed pile cap.

Please let us know if you need any further information.

Amanda

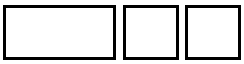
Amanda Forsburg, CHMM
Associate Principal

LANGAN

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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? yes

How many cubic yards of soil will be imported/reused? 500-800 200 CY from each proposed reuse source area

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Material consists of on-Site soil present in four separate areas in the northeastern and southwestern portions of the Site at or below the depth of the 15-foot remedial excavation. Each area is characterized by three endpoint samples and measures between 1,830 SF and 3,270 SF. Refer to attached Figure Y for the proposed reuse source areas. The material is being excavated for the construction of pile cap forms. Excavated material will be staged in a stockpile segregated from other material and will be reused across the Site footprint to backfill excavations for pile cap construction. Analytical results for documentation soil samples were used to determine the proposed extent of reuse source areas including: PE-8, PE-15, PE-16, PE-32, PE-39, PE-40, PE-33, PE-41, PE-42, PE-51, PE-58, and PE-59.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Results of the referenced samples meet the lower of the Track 2 Restricted Residential Restricted Use SCOs and the PGW SCOs and are shown on the attached Figure X. Laboratory packages are also attached.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Aldo Malomo - United Concrete (Foundation Contractor)

Location where fill was obtained:

12096 Flatlands Avenue, Brooklyn, NY

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

The site is actively being remediated in the NYS BCP.

Provide a list of supporting documentation included with this request:

Figure X - Analytical Results
Figure Y - Foundation Plan
Laboratory Packages

The information provided on this form is accurate and complete.



Signature

9/27/2024

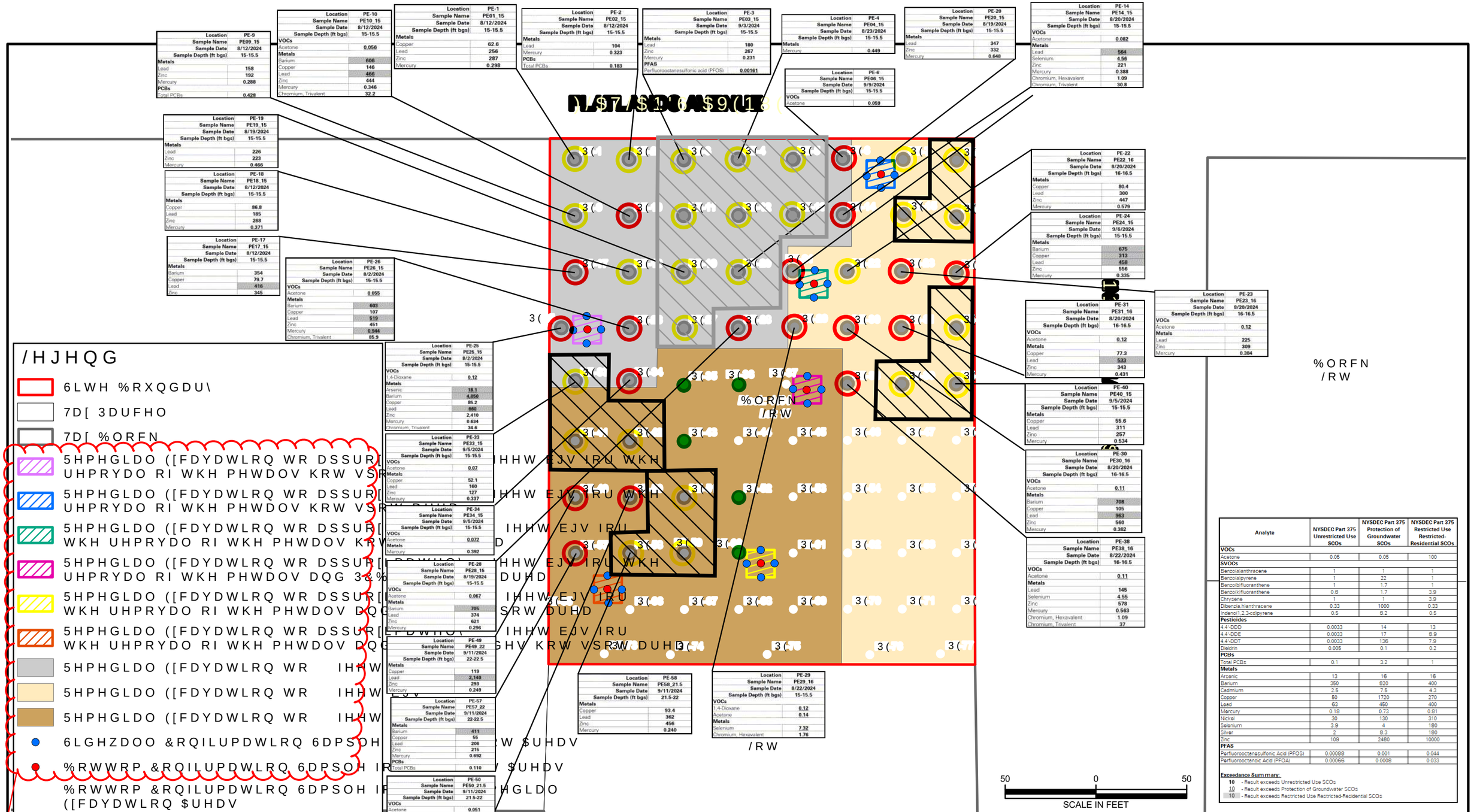
Date

Lauren Kott

Print Name

Langan

Firm



Location	PE-9
Sample Name	PE09_15
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	158
Zinc	192
Mercury	0.288
PCBs	
Total PCBs	0.428

Location	PE-10
Sample Name	PE10_15
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.056
Metals	
Barium	606
Copper	146
Lead	466
Zinc	444
Mercury	0.346
Chromium, Trivalent	32.2

Location	PE-1
Sample Name	PE01_15
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Copper	62.6
Lead	256
Zinc	287
Mercury	0.298

Location	PE-2
Sample Name	PE02_15
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	104
Mercury	0.323
PCBs	
Total PCBs	0.183

Location	PE-3
Sample Name	PE03_15
Sample Date	9/3/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	180
Zinc	267
Mercury	0.231
PFAS	
Perfluorooctanesulfonic acid (PFOS)	0.00161

Location	PE-4
Sample Name	PE04_15
Sample Date	8/23/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Mercury	0.449

Location	PE-20
Sample Name	PE20_15
Sample Date	8/19/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	347
Zinc	332
Mercury	0.648

Location	PE-14
Sample Name	PE14_15
Sample Date	8/20/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.082
Metals	
Lead	564
Selenium	4.56
Zinc	221
Mercury	0.388
Chromium, Hexavalent	1.09
Chromium, Trivalent	30.8

Location	PE-6
Sample Name	PE06_15
Sample Date	9/9/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.059

Location	PE-19
Sample Name	PE19_15
Sample Date	8/19/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	226
Zinc	223
Mercury	0.466

Location	PE-18
Sample Name	PE18_15
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Copper	86.8
Lead	185
Zinc	268
Mercury	0.371

Location	PE-17
Sample Name	PE17_15
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Barium	354
Copper	79.7
Lead	416
Zinc	345

Location	PE-26
Sample Name	PE26_15
Sample Date	8/2/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.055
Metals	
Barium	603
Copper	107
Lead	519
Zinc	451
Mercury	0.944
Chromium, Trivalent	85.9

Location	PE-22
Sample Name	PE22_16
Sample Date	8/20/2024
Sample Depth (ft bgs)	16-16.5
Metals	
Copper	80.4
Lead	300
Zinc	447
Mercury	0.579

Location	PE-24
Sample Name	PE24_15
Sample Date	9/6/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Barium	675
Copper	313
Lead	458
Zinc	556
Mercury	0.335

Location	PE-23
Sample Name	PE23_16
Sample Date	8/20/2024
Sample Depth (ft bgs)	16-16.5
VOCs	
Acetone	0.12
Metals	
Lead	225
Zinc	309
Mercury	0.384

Location	PE-31
Sample Name	PE31_16
Sample Date	8/20/2024
Sample Depth (ft bgs)	16-16.5
VOCs	
Acetone	0.12
Metals	
Copper	77.3
Lead	533
Zinc	343
Mercury	0.431

Location	PE-40
Sample Name	PE40_15
Sample Date	9/5/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Copper	55.6
Lead	311
Zinc	257
Mercury	0.534

Location	PE-30
Sample Name	PE30_16
Sample Date	8/20/2024
Sample Depth (ft bgs)	16-16.5
VOCs	
Acetone	0.11
Metals	
Barium	708
Copper	105
Lead	963
Zinc	560
Mercury	0.382

Location	PE-38
Sample Name	PE38_16
Sample Date	8/22/2024
Sample Depth (ft bgs)	16-16.5
VOCs	
Acetone	0.11
Metals	
Lead	145
Selenium	4.55
Zinc	578
Mercury	0.563
Chromium, Hexavalent	1.09
Chromium, Trivalent	37

Location	PE-25
Sample Name	PE25_15
Sample Date	8/2/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
1,4-Dioxane	0.12
Metals	
Arsenic	18.1
Barium	4,050
Copper	85.2
Lead	880
Zinc	2,410
Mercury	0.634
Chromium, Trivalent	34.6

Location	PE-33
Sample Name	PE33_15
Sample Date	9/5/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.07
Metals	
Copper	52.1
Lead	160
Zinc	127
Mercury	0.337

Location	PE-34
Sample Name	PE34_15
Sample Date	9/5/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.072
Metals	
Mercury	0.392

Location	PE-28
Sample Name	PE28_15
Sample Date	8/19/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.067
Metals	
Barium	705
Lead	374
Zinc	621
Mercury	0.296

Location	PE-49
Sample Name	PE49_22
Sample Date	9/11/2024
Sample Depth (ft bgs)	22-22.5
Metals	
Copper	119
Lead	2,140
Zinc	293
Mercury	0.249

Location	PE-57
Sample Name	PE57_22
Sample Date	9/11/2024
Sample Depth (ft bgs)	22-22.5
Metals	
Barium	411
Copper	55
Lead	206
Zinc	215
Mercury	0.692
PCBs	
Total PCBs	0.110

Location	PE-50
Sample Name	PE50_21.5
Sample Date	9/11/2024
Sample Depth (ft bgs)	21.5-22
VOCs	
Acetone	0.051

Location	PE-58
Sample Name	PE58_21.5
Sample Date	9/11/2024
Sample Depth (ft bgs)	21.5-22
Metals	
Copper	93.4
Lead	362
Zinc	456
Mercury	0.240

Location	PE-29
Sample Name	PE29_16
Sample Date	8/22/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
1,4-Dioxane	0.12
Acetone	0.14
Metals	
Selenium	7.32
Chromium, Hexavalent	1.76

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs
VOCs			
Acetone	0.05	0.05	100
SVOCs			
Benzo(a)anthracene	1	1	1
Benzo(a)pyrene	1	22	1
Benzo(b)fluoranthene	1	1.7	1
Benzo(k)fluoranthene	0.8	1.7	3.9
Chrysene	1	1	3.9
Dibenz(a,h)anthracene	0.33	1000	0.33
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5
Pesticides			
4,4'-DDD	0.0033	14	13
4,4'-DDE	0.0033	17	8.9
4,4'-DDT	0.0033	136	7.9
Dieldrin	0.005	0.1	0.2
PCBs			
Total PCBs	0.1	3.2	1
Metals			
Arsenic	13	16	16
Barium	350	820	400
Cadmium	2.5	7.5	4.3
Copper	50	1720	270
Lead	63	450	400
Mercury	0.18	0.73	0.81
Nickel	30	130	310
Selenium	3.9	4	180
Silver	2	8.3	180
Zinc	109	2480	10000
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.001	0.044
Perfluorooctanoic Acid (PFOA)	0.00066	0.0008	0.033

Exceedance Summary:

- **10** - Result exceeds Unrestricted Use SCOs
- 10 - Result exceeds Protection of Groundwater SCOs
- 10 - Result exceeds Restricted Use Restricted-Residential SCOs

References:
1. Aerial imagery provided by Nearmap ltd., collected March 10, 2021.
2. Parcel information from MapPLUTO 21v1 copyrighted by the New York City Department of Planning.

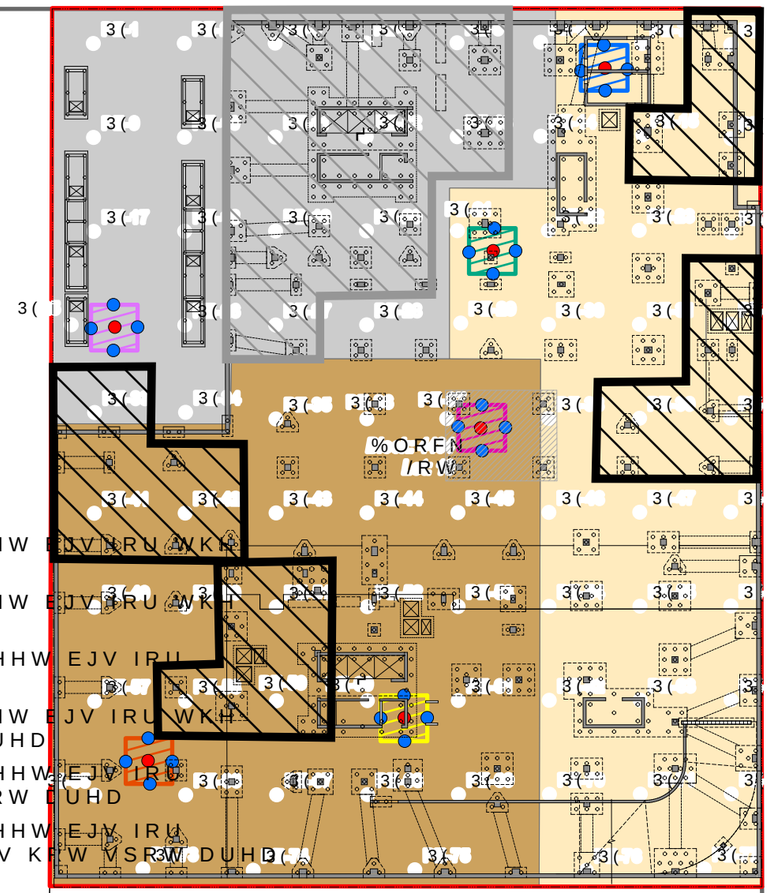
LANGAN
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Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International LLC
Collectively known as Langan
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
12096 FLATLANDS AVENUE
BLOCK No. 4434, LOT No. 10
BROOKLYN
KINGS COUNTY NEW YORK

Drawing Title
PRELIMINARY ENDPOINT SAMPLING ANALYTICAL RESULTS (DRAFT) & SOIL REUSE REQUEST

Project No.	100688801
Date	9/4/2024
Scale	1:600
Drawn By	IHB
Last Revised	9/26/2024
Figure	X

Remedial Excavation modified to a Track 2 15-foot cut across the Site footprint on 9/4/24.
Hot spot excavation and associated confirmation sample collection will not be implemented.



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Remedial Excavation modified to a Track 2 15-foot cut across the Site footprint on 9/4/24. Hot spot excavation and associated confirmation sample collection will not be implemented.

Proposed Soil Reuse Source Area

Previously Approved Soil Reuse Source Area

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LANGAN
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Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International LLC
Collectively known as Langan
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
12096 FLATLANDS AVENUE
BLOCK No. 4434, LOT No. 10
BROOKLYN
KINGS COUNTY NEW YORK

Drawing Title
PROPOSED SOIL REUSE SOURCE AREAS

Project No.	100688801
Date	9/27/2022
Scale	1:600
Drawn By	IHB
Last Revised	9/26/2024

Figure **Y**

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Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/25/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1317

Revision No. 2.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 09/25/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1317

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 20, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H1317-01	PE13_15	Soil	08/20/2024	08/20/2024
24H1317-02	PE14_15	Soil	08/20/2024	08/20/2024
24H1317-03	PE15_16	Soil	08/20/2024	08/20/2024
24H1317-04	PE11_15	Soil	08/20/2024	08/20/2024
24H1317-05	PE22_16	Soil	08/20/2024	08/20/2024
24H1317-06	PE23_16	Soil	08/20/2024	08/20/2024
24H1317-07	PE30_16	Soil	08/20/2024	08/20/2024
24H1317-08	PE31_16	Soil	08/20/2024	08/20/2024
24H1317-09	TB_08202024	Water	08/20/2024	08/20/2024

General Notes for York Project (SDG) No.: 24H1317

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 09/25/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.030	0.059	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0082**	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*85.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.212	0.424	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.212	0.424	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.0879**	J	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0685**	J	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0871**	J	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.156**		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	**Di-n-butyl phthalate**	**0.0609**	J	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.190**		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0558**	J	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.151**		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.2 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.6 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*101 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.6 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 14:28	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.8 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.141	0.224	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0672	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.133	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.227	0.232	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.218	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.212	0.236	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.240	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.242	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.251	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.207	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.158	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.131	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.188	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.246	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.138	0.507	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.185	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.196	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.242	0.245	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.754	0.963	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.957	0.973	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.138	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.176	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.245	0.507	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0786	0.507	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.122	0.507	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.199	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.754	0.951	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.771	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.394	0.958	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.312	0.948	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.221	0.958	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.214	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.157	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.804	1.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.66	6.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.90	6.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.774	2.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.228	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.883	2.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.251	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*151 %*	PFSu-H	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*112 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*141 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*127 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*115 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*117 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*125 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*120 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*106 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*112 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*106 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*109 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*97.9 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*118 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*193 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*215 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*118 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*188 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*131 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*96.5 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*147 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*97.9 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*95.9 %*		*25-150*

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0409	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0254	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:45	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0254	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:45	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0254	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:45	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*99.6 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7780**		mg/kg dry	5.30	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.65	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.75**		mg/kg dry	1.59	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**33.0**		mg/kg dry	2.65	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.286**	B	mg/kg dry	0.053	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.318	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**424**		mg/kg dry	5.30	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.9**		mg/kg dry	0.531	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.70**		mg/kg dry	0.424	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**4.69**		mg/kg dry	2.12	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8620**		mg/kg dry	26.5	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**13.1**		mg/kg dry	0.531	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1290**		mg/kg dry	5.31	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**37.3**		mg/kg dry	0.531	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**9.16**		mg/kg dry	1.06	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**365**	B	mg/kg dry	5.31	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.65	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.535	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**83.3**		mg/kg dry	53.0	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.65	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.6**		mg/kg dry	1.06	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**17.9**		mg/kg dry	2.64	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.163**		mg/kg dry	0.0382	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.636	1	EPA 7196A	08/26/2024 15:00	08/27/2024 09:29	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**13.9**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.636	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	78.6		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.089	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.082**	CCVE	mg/kg dry	0.0044	0.0089	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0044	0.0089	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	**Methyl acetate**	**0.0026**	J	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*86.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.362	0.724	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.362	0.724	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.205**		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.169**	J	mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.153**	J	mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.8 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*66.8 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*78.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*106 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.6 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 14:45	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.7 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.239	0.380	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.114	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.226	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.385	0.393	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.370	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.359	0.400	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.406	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.411	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.426	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.350	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.269	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.221	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.318	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.417	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.234	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.314	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.333	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.411	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.28	1.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.62	1.65	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.234	1.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.299	0.765	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.415	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.133	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.206	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.337	0.404	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.28	1.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.31	1.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.669	1.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.529	1.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.374	1.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.363	0.417	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.267	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.36	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	4.51	10.7	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	3.22	10.7	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	1.31	4.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.387	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.50	4.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.426	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*130 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*106 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*141 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*111 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*122 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*130 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*104 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*76.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*101 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*122 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*104 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*119 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*103 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*117 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*133 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*133 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*118 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*147 %*	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*133 %*	*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*92.0 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*132 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*98.1 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*95.3 %*	*25-150*

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0703	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0433	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:52	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0433	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:52	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0433	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:52	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*47.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15500**		mg/kg dry	9.12	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	4.56	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.69**		mg/kg dry	2.74	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**170**		mg/kg dry	4.55	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.584**	B	mg/kg dry	0.092	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.547	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**8740**		mg/kg dry	9.12	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**30.8**		mg/kg dry	0.913	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**8.32**		mg/kg dry	0.729	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**49.2**		mg/kg dry	3.65	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**23500**		mg/kg dry	45.6	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**564**		mg/kg dry	0.913	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**5330**		mg/kg dry	9.13	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**151**		mg/kg dry	0.913	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**30.0**		mg/kg dry	1.82	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1030**	B	mg/kg dry	9.13	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	4.56	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.919	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**305**		mg/kg dry	91.2	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	4.56	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**34.3**		mg/kg dry	1.82	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**221**		mg/kg dry	4.54	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.388**		mg/kg dry	0.0656	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	1.09	1	EPA 7196A	08/26/2024 15:00	08/27/2024 09:29	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**30.8**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.09	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**45.7**		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.063	0.13	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0073**	J	mg/kg dry	0.0063	0.013	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0063	0.013	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0095	0.019	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*110 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.360	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.360	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.5 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.7 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.5 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.8 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 15:03	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.1 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.192	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0575	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.199	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.187	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.202	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.205	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.211	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.207	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.646	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.820	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.387	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.210	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0673	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.646	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.660	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.338	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.267	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.189	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.184	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.688	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.28	5.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.63	5.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.663	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.757	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*139 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*105 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*136 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*106 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*112 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*108 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*97.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*67.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*100 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*98.1 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*102 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*120 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*102 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*104 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*130 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*145 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*108 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*141 %*		*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*115 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*100 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*153 %*	PFSu-H	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*101 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*98.1 %*		*25-150*

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0357	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0218	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0218	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0218	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*57.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4090**		mg/kg dry	4.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.30	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.38	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**8.73**		mg/kg dry	2.29	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.267**	B	mg/kg dry	0.046	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.276	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**307**		mg/kg dry	4.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**7.92**		mg/kg dry	0.460	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.17**		mg/kg dry	0.367	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**9.13**		mg/kg dry	1.84	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8000**		mg/kg dry	23.0	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.53**		mg/kg dry	0.460	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1540**		mg/kg dry	4.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**42.5**		mg/kg dry	0.460	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**12.2**		mg/kg dry	0.916	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**424**	B	mg/kg dry	4.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.30	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.463	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	ND		mg/kg dry	46.0	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.30	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**12.3**		mg/kg dry	0.916	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**12.9**		mg/kg dry	2.29	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0331	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.552	1	EPA 7196A	08/26/2024 15:00	08/27/2024 09:29	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**7.92**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.552	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.6**		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.025	0.050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.012**	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*86.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.205	0.409	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.205	0.409	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.0 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*62.5 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*109 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.6 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 15:20	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*83.8 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0661	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.131	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.223	0.228	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.215	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.208	0.232	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.236	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.238	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.247	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.203	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.156	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.129	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.185	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.242	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.136	0.499	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.182	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.193	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.238	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.742	0.948	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.942	0.958	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.136	0.998	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.173	0.444	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.241	0.499	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0774	0.499	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.120	0.499	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.196	0.235	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.742	0.936	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.759	0.998	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.388	0.943	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.307	0.933	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.217	0.943	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.211	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.155	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.791	1.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.62	6.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.87	6.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.762	2.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.225	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.870	2.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.247	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*98.9 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*129 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*100 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*97.4 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*96.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*66.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*2.97 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*84.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*89.6 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*83.7 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*98.1 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*169 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*189 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*95.1 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*167 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*117 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*77.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*127 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*81.0 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*83.5 %*		*25-150*

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0411	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0248	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0248	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0248	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*56.2 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8630**		mg/kg dry	5.21	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.56	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**10.1**		mg/kg dry	2.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.344**	B	mg/kg dry	0.053	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**471**		mg/kg dry	5.21	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**10.8**		mg/kg dry	0.521	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.29**		mg/kg dry	0.416	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**3.58**		mg/kg dry	2.08	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**6760**		mg/kg dry	26.0	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**5.84**		mg/kg dry	0.521	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1170**		mg/kg dry	5.21	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**40.9**		mg/kg dry	0.521	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**8.77**		mg/kg dry	1.04	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**404**	B	mg/kg dry	5.21	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.525	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**111**		mg/kg dry	52.1	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**14.5**		mg/kg dry	1.04	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**12.3**		mg/kg dry	2.59	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0375	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.625	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**10.8**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.625	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.0**		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0060**		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.050**	CCVE	mg/kg dry	0.0050	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0050	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*86.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.224	0.449	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.224	0.449	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.0887**	J	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0905**	J	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.126**		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0663**	J	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.116**		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.243**		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0726**	J	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.185**		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.207**		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.0 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*52.9 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.7 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*94.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.2 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 15:38	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.151	0.240	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0720	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.143	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.243	0.249	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.234	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.227	0.253	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.257	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.259	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.269	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.221	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.170	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.140	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.201	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.263	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.148	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.198	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.211	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.259	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.808	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.03	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.148	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.189	0.484	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.262	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0842	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.130	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.213	0.255	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.808	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.826	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.422	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.334	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.236	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.230	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.168	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.861	1.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.85	6.79	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.04	6.79	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.830	2.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.244	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.947	2.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.269	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*135 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*104 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*128 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*122 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*112 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*113 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*119 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*98.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.4 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*98.9 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*124 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*98.1 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*109 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*115 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*128 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*284 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*347 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*106 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*293 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*97.5 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*74.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*116 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*94.7 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*92.7 %*		*25-150*

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0439	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: PCB-Tot

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11100-14-4	**Aroclor 1268**	**0.0402**		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1336-36-3	*** Total PCBs**	**0.0402**		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0273	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0273	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
94-75-7	2,4-D	ND		mg/kg dry	0.0273	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*99.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6790**		mg/kg dry	5.69	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.85	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**8.60**		mg/kg dry	1.71	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**327**		mg/kg dry	2.84	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.399**	B	mg/kg dry	0.057	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.683**		mg/kg dry	0.342	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2610**		mg/kg dry	5.69	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.6**		mg/kg dry	0.570	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.22**		mg/kg dry	0.455	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**80.4**		mg/kg dry	2.28	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**26700**		mg/kg dry	28.5	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**300**		mg/kg dry	0.570	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1170**		mg/kg dry	5.70	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**195**		mg/kg dry	0.570	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**18.8**		mg/kg dry	1.13	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**495**	B	mg/kg dry	5.70	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	2.85	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**0.581**		mg/kg dry	0.574	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**417**		mg/kg dry	56.9	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.85	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.5**		mg/kg dry	1.13	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**447**		mg/kg dry	2.84	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.579**		mg/kg dry	0.0410	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.683	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.6**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.683	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	73.2		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE23_16** **York Sample ID:** **24H1317-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.038	0.077	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0032**	J	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.12**	CCVE	mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*85.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.228	0.455	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.228	0.455	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.1 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*53.5 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.5 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.7 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.3 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM Certifications: NELAC-NY10854	08/27/2024 08:25	08/28/2024 15:55	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*66.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.153	0.245	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0732	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.145	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.247	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.238	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.231	0.257	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.261	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.264	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.274	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.225	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.173	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.142	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.204	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.268	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.151	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.202	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.214	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.264	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.822	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.04	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.151	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.192	0.492	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.267	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0857	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.133	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.217	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.822	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.840	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.430	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.340	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.240	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.233	0.268	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.171	0.265	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.876	1.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.90	6.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.07	6.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.844	2.76	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.249	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.963	2.76	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.274	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*136 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*109 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*142 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*112 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*104 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*110 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*107 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*98.8 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*102 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*108 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*100 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*101 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*108 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*132 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*148 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*108 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*150 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*85.6 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*81.1 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*117 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*95.2 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*95.1 %*		*25-150*

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0863	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0275	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0275	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0275	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*59.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6800**		mg/kg dry	5.76	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.88	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.59**		mg/kg dry	1.73	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**179**		mg/kg dry	2.87	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.311**	B	mg/kg dry	0.058	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.391**		mg/kg dry	0.345	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3300**		mg/kg dry	5.76	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**18.6**		mg/kg dry	0.576	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.57**		mg/kg dry	0.460	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**49.1**		mg/kg dry	2.30	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**14500**		mg/kg dry	28.8	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**225**		mg/kg dry	0.576	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2070**		mg/kg dry	5.76	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**79.9**		mg/kg dry	0.576	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.7**		mg/kg dry	1.15	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**552**	B	mg/kg dry	5.76	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.88	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.580	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**275**		mg/kg dry	57.6	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.88	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**17.2**		mg/kg dry	1.15	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**309**		mg/kg dry	2.87	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.384**		mg/kg dry	0.0414	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.691	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**18.6**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.691	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**72.4**		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **PE30_16** **York Sample ID:** **24H1317-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.030	0.060	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0071**		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.11**		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*115 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.224	0.447	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.224	0.447	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.0750**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0669**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0794**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0669**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.163**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0616**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**1.63**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0678**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.135**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.6 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.8 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*96.9 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.0 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 16:13	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*67.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.151	0.240	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0720	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.143	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.243	0.249	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.234	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.227	0.253	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.257	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.259	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.269	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.221	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.170	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.140	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.201	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.263	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.148	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.198	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.211	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.259	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.808	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.03	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.148	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.189	0.484	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.262	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0842	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.130	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.213	0.255	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.808	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.826	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.422	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.334	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.236	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.230	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.168	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.861	1.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.85	6.79	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.04	6.79	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.830	2.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.244	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.947	2.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.269	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*125 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*97.7 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*136 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*104 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*93.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*95.1 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*134 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*94.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*98.8 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*109 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*129 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*215 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*299 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*101 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*164 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*93.0 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*60.0 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*105 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*87.0 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*86.4 %*		*25-150*

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0440	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0271	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0271	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0271	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*81.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7920**		mg/kg dry	5.67	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.83	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.80**		mg/kg dry	1.70	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**708**		mg/kg dry	2.83	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.340**	B	mg/kg dry	0.057	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.771**		mg/kg dry	0.340	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**7080**		mg/kg dry	5.67	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**26.3**		mg/kg dry	0.567	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.49**		mg/kg dry	0.453	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**105**		mg/kg dry	2.27	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**20500**		mg/kg dry	28.3	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**963**		mg/kg dry	0.567	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1890**		mg/kg dry	5.67	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**156**		mg/kg dry	0.567	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**19.0**		mg/kg dry	1.13	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**762**	B	mg/kg dry	5.67	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.572	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**959**		mg/kg dry	56.7	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**18.1**		mg/kg dry	1.13	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**560**		mg/kg dry	2.82	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.382**		mg/kg dry	0.0408	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.680	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**26.3**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.680	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	73.5		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE31_16** **York Sample ID:** **24H1317-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.023**		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.12**	CCVE	mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*87.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.240	0.480	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.240	0.480	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0632**	J	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.0891**	J	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0718**	J	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0910**	J	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.2 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.9 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.5 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*101 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.1 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 16:30	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.8 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.159	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0760	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.151	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.257	0.263	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.247	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.240	0.267	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.271	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.274	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.284	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.234	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.179	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.148	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.212	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.278	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.156	0.574	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.209	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.222	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.274	0.277	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.854	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.08	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.156	1.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.199	0.511	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.277	0.574	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0890	0.574	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.138	0.574	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.225	0.270	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.854	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.872	1.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.446	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.353	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.250	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.242	0.278	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.178	0.275	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.910	1.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	3.01	7.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.15	7.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.877	2.87	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.258	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.00	2.87	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.284	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*136 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*106 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*134 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*127 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*110 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*113 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*93.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*61.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*29.7 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*147 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*96.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*129 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*163 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*406 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*520 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*109 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*273 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*87.5 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*63.9 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*86.0 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*79.2 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*75.0 %*		*25-150*

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0479	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0290	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:35	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0290	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:35	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0290	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:35	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*86.2 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8010**		mg/kg dry	6.09	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	3.04	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.06**		mg/kg dry	1.83	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**326**		mg/kg dry	3.04	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.414**	B	mg/kg dry	0.061	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.730**		mg/kg dry	0.365	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**30800**		mg/kg dry	6.09	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**24.7**		mg/kg dry	0.609	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.66**		mg/kg dry	0.486	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**77.3**		mg/kg dry	2.43	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15000**		mg/kg dry	30.4	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**533**		mg/kg dry	0.609	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3110**		mg/kg dry	6.09	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**146**		mg/kg dry	0.609	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.3**		mg/kg dry	1.21	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**673**	B	mg/kg dry	6.09	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	3.04	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.613	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**501**		mg/kg dry	60.9	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	3.04	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.4**		mg/kg dry	1.21	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**343**		mg/kg dry	3.03	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.431**		mg/kg dry	0.0438	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.730	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**24.7**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.730	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**68.5**		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TB_08202024 **York Sample ID:** 24H1317-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Water	August 20, 2024 3:00 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	40	40	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08202024 **York Sample ID:** 24H1317-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Water	August 20, 2024 3:00 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_08202024 **York Sample ID:** 24H1317-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Water	August 20, 2024 3:00 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE, QL-02	ug/L	0.50	1.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08202024 **York Sample ID:** 24H1317-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Water	August 20, 2024 3:00 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.2 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*79-122*

Analytical Batch Summary

Batch ID: BH41358 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/21/24
24H1317-02	PE14_15	08/21/24
24H1317-03	PE15_16	08/21/24
24H1317-04	PE11_15	08/21/24
24H1317-05	PE22_16	08/21/24
24H1317-06	PE23_16	08/21/24
24H1317-07	PE30_16	08/21/24
24H1317-08	PE31_16	08/21/24
BH41358-BLK1	Blank	08/21/24
BH41358-BS1	LCS	08/21/24

Batch ID: BH41403 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/21/24
24H1317-02	PE14_15	08/21/24
24H1317-03	PE15_16	08/21/24
24H1317-04	PE11_15	08/21/24
24H1317-05	PE22_16	08/21/24
24H1317-06	PE23_16	08/21/24
24H1317-07	PE30_16	08/21/24
24H1317-08	PE31_16	08/21/24
BH41403-BLK1	Blank	08/21/24
BH41403-BS1	LCS	08/21/24

Batch ID: BH41413 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/21/24
24H1317-02	PE14_15	08/21/24
24H1317-03	PE15_16	08/21/24
24H1317-04	PE11_15	08/21/24
24H1317-05	PE22_16	08/21/24
24H1317-06	PE23_16	08/21/24
24H1317-07	PE30_16	08/21/24
24H1317-08	PE31_16	08/21/24
BH41413-BLK1	Blank	08/21/24
BH41413-SRM1	Reference	08/21/24

Batch ID: BH41437 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/21/24
24H1317-02	PE14_15	08/21/24

24H1317-03	PE15_16	08/21/24
24H1317-04	PE11_15	08/21/24
24H1317-05	PE22_16	08/21/24
24H1317-06	PE23_16	08/21/24
24H1317-07	PE30_16	08/21/24
24H1317-08	PE31_16	08/21/24
BH41437-BLK1	Blank	08/21/24
BH41437-BS1	LCS	08/21/24
BH41437-BS2	LCS	08/21/24

Batch ID: BH41446 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/22/24
24H1317-02	PE14_15	08/22/24
24H1317-03	PE15_16	08/22/24
24H1317-04	PE11_15	08/22/24
24H1317-05	PE22_16	08/22/24
24H1317-06	PE23_16	08/22/24
24H1317-07	PE30_16	08/22/24
24H1317-08	PE31_16	08/22/24

Batch ID: BH41459 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/22/24
24H1317-02	PE14_15	08/22/24
24H1317-03	PE15_16	08/22/24
24H1317-04	PE11_15	08/22/24
24H1317-05	PE22_16	08/22/24
24H1317-06	PE23_16	08/22/24
BH41459-BLK1	Blank	08/22/24
BH41459-BS1	LCS	08/22/24

Batch ID: BH41462 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/22/24
24H1317-02	PE14_15	08/22/24
24H1317-03	PE15_16	08/22/24
24H1317-04	PE11_15	08/22/24
24H1317-05	PE22_16	08/22/24
24H1317-06	PE23_16	08/22/24
24H1317-07	PE30_16	08/22/24
24H1317-08	PE31_16	08/22/24
BH41462-BLK1	Blank	08/22/24
BH41462-BS1	LCS	08/22/24

Batch ID: BH41475 **Preparation Method:** EPA 7473 soil **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/22/24
24H1317-02	PE14_15	08/22/24
24H1317-03	PE15_16	08/22/24
24H1317-04	PE11_15	08/22/24
24H1317-05	PE22_16	08/22/24
24H1317-06	PE23_16	08/22/24
24H1317-07	PE30_16	08/22/24
24H1317-08	PE31_16	08/22/24
BH41475-BLK1	Blank	08/22/24
BH41475-SRM1	Reference	08/22/24

Batch ID: BH41576 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-09	TB_08202024	08/23/24
BH41576-BLK1	Blank	08/23/24
BH41576-BS1	LCS	08/23/24
BH41576-BSD1	LCS Dup	08/23/24

Batch ID: BH41577 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/22/24
24H1317-02	PE14_15	08/22/24
24H1317-04	PE11_15	08/22/24
24H1317-05	PE22_16	08/22/24
24H1317-06	PE23_16	08/22/24
24H1317-08	PE31_16	08/22/24
BH41577-BLK1	Blank	08/22/24
BH41577-BS1	LCS	08/22/24
BH41577-BSD1	LCS Dup	08/22/24

Batch ID: BH41640 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/26/24
24H1317-02	PE14_15	08/26/24
24H1317-03	PE15_16	08/26/24
24H1317-04	PE11_15	08/26/24
24H1317-05	PE22_16	08/26/24
24H1317-06	PE23_16	08/26/24
24H1317-07	PE30_16	08/26/24
24H1317-08	PE31_16	08/26/24
BH41640-BLK1	Blank	08/26/24
BH41640-DUP1	Duplicate	08/26/24
BH41640-MS1	Matrix Spike	08/26/24
BH41640-MSD1	Matrix Spike Dup	08/26/24



BH41640-SRM1	Reference	08/26/24

Batch ID: BH41690 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-03	PE15_16	08/23/24
24H1317-07	PE30_16	08/23/24
BH41690-BLK1	Blank	08/23/24
BH41690-BS1	LCS	08/23/24
BH41690-BSD1	LCS Dup	08/23/24

Batch ID: BH41707 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/26/24
24H1317-02	PE14_15	08/26/24
24H1317-03	PE15_16	08/26/24
BH41707-BLK1	Blank	08/26/24
BH41707-DUP1	Duplicate	08/26/24
BH41707-MS1	Matrix Spike	08/26/24
BH41707-MSD1	Matrix Spike Dup	08/26/24
BH41707-SRM1	Reference	08/26/24

Batch ID: BH41757 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/27/24
24H1317-02	PE14_15	08/27/24
24H1317-03	PE15_16	08/27/24
24H1317-04	PE11_15	08/27/24
24H1317-05	PE22_16	08/27/24
24H1317-06	PE23_16	08/27/24
24H1317-07	PE30_16	08/27/24
24H1317-08	PE31_16	08/27/24
BH41757-BLK1	Blank	08/27/24
BH41757-BS1	LCS	08/27/24

Batch ID: BH41861 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-07	PE30_16	08/28/24
24H1317-08	PE31_16	08/28/24
BH41861-BLK1	Blank	08/28/24
BH41861-BS1	LCS	08/28/24

Batch ID: BH41875 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date



24H1317-04	PE11_15	08/28/24
24H1317-05	PE22_16	08/28/24
24H1317-06	PE23_16	08/28/24
24H1317-07	PE30_16	08/28/24
24H1317-08	PE31_16	08/28/24
BH41875-BLK1	Blank	08/28/24
BH41875-SRM1	Reference	08/28/24

Batch ID: BH41920 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/28/24
24H1317-02	PE14_15	08/28/24
24H1317-03	PE15_16	08/28/24
24H1317-04	PE11_15	08/28/24
24H1317-05	PE22_16	08/28/24
24H1317-06	PE23_16	08/28/24
24H1317-07	PE30_16	08/28/24
24H1317-08	PE31_16	08/28/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
Blank (BH41576-BLK1) Blank									Prepared & Analyzed: 08/23/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
Blank (BH41576-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
n-Butylbenzene	ND	0.50	ug/L								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.18*		*"*	*10.0*		*91.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				
LCS (BH41576-BS1) LCS								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	9.3		ug/L	10.0		92.8	82-126				
1,1,1-Trichloroethane	9.1		"	10.0		90.8	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.9		"	10.0		98.7	54-165				
1,1,2-Trichloroethane	9.2		"	10.0		92.0	82-123				
1,1-Dichloroethane	9.2		"	10.0		91.5	82-129				
1,1-Dichloroethylene	9.9		"	10.0		98.7	68-138				
1,2,3-Trichlorobenzene	8.3		"	10.0		82.9	40-130				
1,2,3-Trichloropropane	12		"	10.0		124	77-128				
1,2,4-Trichlorobenzene	8.4		"	10.0		83.7	65-137				
1,2,4-Trimethylbenzene	11		"	10.0		110	82-132				
1,2-Dibromo-3-chloropropane	9.2		"	10.0		91.6	45-147				
1,2-Dibromoethane	8.9		"	10.0		89.0	83-124				
1,2-Dichlorobenzene	9.6		"	10.0		95.7	79-123				
1,2-Dichloroethane	8.9		"	10.0		89.0	73-132				
1,2-Dichloropropane	10		"	10.0		99.6	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		114	80-131				
1,3-Dichlorobenzene	9.9		"	10.0		98.9	86-130				
1,4-Dichlorobenzene	9.7		"	10.0		96.7	85-130				
1,4-Dioxane	130		"	210		60.6	10-349				
2-Butanone	8.5		"	10.0		85.0	49-152				
2-Hexanone	9.4		"	10.0		93.5	51-146				
4-Methyl-2-pentanone	7.4		"	10.0		73.8	57-145				
Acetone	5.8		"	10.0		57.9	14-150				
Acrolein	3.0		"	10.0		29.6	10-153				
Acrylonitrile	7.7		"	10.0		77.2	51-150				
Benzene	9.6		"	10.0		95.6	85-126				
Bromochloromethane	8.8		"	10.0		88.5	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
LCS (BH41576-BS1) LCS							Prepared & Analyzed: 08/23/2024				
Bromodichloromethane	9.4		ug/L	10.0		94.0	79-128				
Bromoform	8.2		"	10.0		82.4	78-133				
Bromomethane	9.0		"	10.0		89.7	43-168				
Carbon disulfide	9.4		"	10.0		93.8	68-146				
Carbon tetrachloride	9.4		"	10.0		93.7	77-141				
Chlorobenzene	9.4		"	10.0		93.5	88-120				
Chloroethane	8.4		"	10.0		84.5	65-136				
Chloroform	9.2		"	10.0		91.7	82-128				
Chloromethane	7.3		"	10.0		72.9	43-155				
cis-1,2-Dichloroethylene	9.2		"	10.0		92.1	83-129				
cis-1,3-Dichloropropylene	8.9		"	10.0		89.2	80-131				
Cyclohexane	8.3		"	10.0		83.1	63-149				
Dibromochloromethane	8.4		"	10.0		84.5	80-130				
Dibromomethane	8.8		"	10.0		88.4	72-134				
Dichlorodifluoromethane	5.5		"	10.0		55.4	44-144				
Ethyl Benzene	10		"	10.0		102	80-131				
Hexachlorobutadiene	10		"	10.0		99.5	67-146				
Isopropylbenzene	12		"	10.0		118	76-140				
Methyl acetate	7.8		"	10.0		78.5	51-139				
Methyl tert-butyl ether (MTBE)	8.9		"	10.0		88.7	76-135				
Methylcyclohexane	10		"	10.0		104	72-143				
Methylene chloride	8.9		"	10.0		89.4	55-137				
n-Butylbenzene	11		"	10.0		113	79-132				
n-Propylbenzene	12		"	10.0		117	78-133				
o-Xylene	9.7		"	10.0		96.8	78-130				
p- & m- Xylenes	20		"	20.0		100	77-133				
p-Isopropyltoluene	12		"	10.0		116	81-136				
sec-Butylbenzene	12		"	10.0		117	79-137				
Styrene	9.6		"	10.0		96.3	67-132				
tert-Butyl alcohol (TBA)	11		"	50.0		21.2	25-162	Low Bias			
tert-Butylbenzene	11		"	10.0		105	77-138				
Tetrachloroethylene	9.5		"	10.0		94.8	82-131				
Toluene	10		"	10.0		99.5	80-127				
trans-1,2-Dichloroethylene	9.2		"	10.0		92.1	80-132				
trans-1,3-Dichloropropylene	7.4		"	10.0		74.4	78-131	Low Bias			
trans-1,4-dichloro-2-butene	11		"	10.0		107	63-141				
Trichloroethylene	9.9		"	10.0		98.9	82-128				
Trichlorofluoromethane	8.7		"	10.0		87.4	67-139				
Vinyl Chloride	8.0		"	10.0		80.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.09*		*"*	*10.0*		*90.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
LCS Dup (BH41576-BSD1) LCS Dup							Prepared & Analyzed: 08/23/2024				
1,1,1,2-Tetrachloroethane	9.8		ug/L	10.0		97.9	82-126		5.35	30	
1,1,1-Trichloroethane	9.4		"	10.0		94.5	78-136		3.99	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		110	76-129		8.36	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		99.9	54-165		1.21	30	
1,1,2-Trichloroethane	9.4		"	10.0		94.1	82-123		2.26	30	
1,1-Dichloroethane	9.4		"	10.0		94.4	82-129		3.12	30	
1,1-Dichloroethylene	10		"	10.0		102	68-138		3.58	30	
1,2,3-Trichlorobenzene	12		"	10.0		122	40-130		37.8	30	Non-dir.
1,2,3-Trichloropropane	13		"	10.0		126	77-128		2.00	30	
1,2,4-Trichlorobenzene	9.3		"	10.0		93.2	65-137		10.7	30	
1,2,4-Trimethylbenzene	12		"	10.0		116	82-132		4.96	30	
1,2-Dibromo-3-chloropropane	9.6		"	10.0		96.1	45-147		4.79	30	
1,2-Dibromoethane	9.0		"	10.0		90.3	83-124		1.45	30	
1,2-Dichlorobenzene	9.9		"	10.0		99.3	79-123		3.69	30	
1,2-Dichloroethane	9.7		"	10.0		96.9	73-132		8.50	30	
1,2-Dichloropropane	10		"	10.0		101	78-126		1.30	30	
1,3,5-Trimethylbenzene	12		"	10.0		118	80-131		3.02	30	
1,3-Dichlorobenzene	10		"	10.0		103	86-130		4.45	30	
1,4-Dichlorobenzene	9.9		"	10.0		98.6	85-130		1.95	30	
1,4-Dioxane	180		"	210		86.1	10-349		34.8	30	Non-dir.
2-Butanone	9.3		"	10.0		93.0	49-152		8.99	30	
2-Hexanone	10		"	10.0		99.9	51-146		6.62	30	
4-Methyl-2-pentanone	7.7		"	10.0		76.8	57-145		3.98	30	
Acetone	7.7		"	10.0		77.3	14-150		28.7	30	
Acrolein	3.5		"	10.0		35.3	10-153		17.6	30	
Acrylonitrile	7.5		"	10.0		74.8	51-150		3.16	30	
Benzene	10		"	10.0		100	85-126		5.00	30	
Bromochloromethane	9.4		"	10.0		94.0	77-128		6.03	30	
Bromodichloromethane	9.7		"	10.0		97.2	79-128		3.35	30	
Bromoform	8.2		"	10.0		82.5	78-133		0.121	30	
Bromomethane	9.0		"	10.0		90.0	43-168		0.334	30	
Carbon disulfide	9.6		"	10.0		95.9	68-146		2.21	30	
Carbon tetrachloride	9.8		"	10.0		97.6	77-141		4.08	30	
Chlorobenzene	9.8		"	10.0		97.9	88-120		4.60	30	
Chloroethane	8.7		"	10.0		86.6	65-136		2.45	30	
Chloroform	9.6		"	10.0		95.8	82-128		4.37	30	
Chloromethane	7.3		"	10.0		73.3	43-155		0.547	30	
cis-1,2-Dichloroethylene	9.8		"	10.0		98.2	83-129		6.41	30	
cis-1,3-Dichloropropylene	9.1		"	10.0		90.7	80-131		1.67	30	
Cyclohexane	8.5		"	10.0		84.6	63-149		1.79	30	
Dibromochloromethane	8.8		"	10.0		87.9	80-130		3.94	30	
Dibromomethane	8.9		"	10.0		88.6	72-134		0.226	30	
Dichlorodifluoromethane	5.2		"	10.0		52.1	44-144		6.14	30	
Ethyl Benzene	11		"	10.0		106	80-131		3.96	30	
Hexachlorobutadiene	9.6		"	10.0		96.3	67-146		3.27	30	
Isopropylbenzene	12		"	10.0		121	76-140		2.94	30	
Methyl acetate	8.8		"	10.0		87.6	51-139		11.0	30	
Methyl tert-butyl ether (MTBE)	9.5		"	10.0		95.1	76-135		6.96	30	
Methylcyclohexane	11		"	10.0		106	72-143		1.33	30	
Methylene chloride	9.3		"	10.0		93.2	55-137		4.16	30	
n-Butylbenzene	12		"	10.0		117	79-132		2.95	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
LCS Dup (BH41576-BSD1) LCS Dup								Prepared & Analyzed: 08/23/2024			
n-Propylbenzene	12		ug/L	10.0		120	78-133		3.20	30	
o-Xylene	10		"	10.0		100	78-130		3.55	30	
p- & m- Xylenes	21		"	20.0		105	77-133		4.54	30	
p-Isopropyltoluene	12		"	10.0		121	81-136		4.05	30	
sec-Butylbenzene	12		"	10.0		121	79-137		3.19	30	
Styrene	10		"	10.0		102	67-132		5.75	30	
tert-Butyl alcohol (TBA)	9.7		"	50.0		19.4	25-162	Low Bias	8.67	30	
tert-Butylbenzene	11		"	10.0		110	77-138		4.56	30	
Tetrachloroethylene	9.7		"	10.0		97.1	82-131		2.40	30	
Toluene	10		"	10.0		102	80-127		2.97	30	
trans-1,2-Dichloroethylene	9.8		"	10.0		98.1	80-132		6.31	30	
trans-1,3-Dichloropropylene	7.9		"	10.0		79.0	78-131		6.00	30	
trans-1,4-dichloro-2-butene	11		"	10.0		113	63-141		5.55	30	
Trichloroethylene	10		"	10.0		100	82-128		1.31	30	
Trichlorofluoromethane	8.8		"	10.0		87.9	67-139		0.570	30	
Vinyl Chloride	8.2		"	10.0		81.9	58-145		1.97	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.36*		*"*	*10.0*		*93.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*79-122*				
Batch BH41577 - EPA 5035A											
Blank (BH41577-BLK1) Blank								Prepared & Analyzed: 08/22/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
Blank (BH41577-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*42.6*		*"*	*50.0*		*85.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
LCS (BH41577-BS1) LCS							Prepared & Analyzed: 08/22/2024				
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		97.4	75-129				
1,1,1-Trichloroethane	60		"	50.0		120	71-137				
1,1,2,2-Tetrachloroethane	44		"	50.0		87.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59		"	50.0		118	58-146				
1,1,2-Trichloroethane	47		"	50.0		94.8	83-123				
1,1-Dichloroethane	60		"	50.0		121	75-130				
1,1-Dichloroethylene	56		"	50.0		113	64-137				
1,2,3-Trichlorobenzene	42		"	50.0		84.9	81-140				
1,2,3-Trichloropropane	46		"	50.0		92.2	81-126				
1,2,4-Trichlorobenzene	45		"	50.0		89.1	80-141				
1,2,4-Trimethylbenzene	46		"	50.0		92.4	84-125				
1,2-Dibromo-3-chloropropane	39		"	50.0		77.0	74-142				
1,2-Dibromoethane	47		"	50.0		93.2	86-123				
1,2-Dichlorobenzene	44		"	50.0		88.5	85-122				
1,2-Dichloroethane	59		"	50.0		118	71-133				
1,2-Dichloropropane	47		"	50.0		94.6	81-122				
1,3,5-Trimethylbenzene	45		"	50.0		90.7	82-126				
1,3-Dichlorobenzene	45		"	50.0		89.2	84-124				
1,4-Dichlorobenzene	44		"	50.0		88.9	84-124				
1,4-Dioxane	990		"	1050		94.0	10-228				
2-Butanone	54		"	50.0		109	58-147				
2-Hexanone	45		"	50.0		89.6	70-139				
4-Methyl-2-pentanone	44		"	50.0		88.5	72-132				
Acetone	45		"	50.0		90.0	36-155				
Acrolein	12		"	50.0		24.8	10-238				
Acrylonitrile	75		"	50.0		149	66-141	High Bias			
Benzene	63		"	50.0		126	77-127				
Bromochloromethane	63		"	50.0		126	74-129				
Bromodichloromethane	47		"	50.0		93.6	81-124				
Bromoform	47		"	50.0		94.9	80-136				
Bromomethane	56		"	50.0		111	32-177				
Carbon disulfide	60		"	50.0		119	10-136				
Carbon tetrachloride	61		"	50.0		122	66-143				
Chlorobenzene	49		"	50.0		99.0	86-120				
Chloroethane	59		"	50.0		117	51-142				
Chloroform	61		"	50.0		123	76-131				
Chloromethane	45		"	50.0		90.0	49-132				
cis-1,2-Dichloroethylene	60		"	50.0		119	74-132				
cis-1,3-Dichloropropylene	46		"	50.0		91.3	81-129				
Cyclohexane	60		"	50.0		120	70-130				
Dibromochloromethane	50		"	50.0		100	10-200				
Dibromomethane	47		"	50.0		93.4	83-124				
Dichlorodifluoromethane	37		"	50.0		73.7	28-158				
Ethyl Benzene	50		"	50.0		100	84-125				
Hexachlorobutadiene	43		"	50.0		85.6	83-133				
Isopropylbenzene	45		"	50.0		90.0	81-127				
Methyl acetate	55		"	50.0		110	41-143				
Methyl tert-butyl ether (MTBE)	58		"	50.0		116	74-131				
Methylcyclohexane	45		"	50.0		90.1	70-130				
Methylene chloride	60		"	50.0		119	57-141				
n-Butylbenzene	46		"	50.0		91.7	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
LCS (BH41577-BS1) LCS							Prepared & Analyzed: 08/22/2024				
n-Propylbenzene	44		ug/L	50.0		88.6	74-136				
o-Xylene	48		"	50.0		95.5	83-123				
p- & m- Xylenes	96		"	100		95.6	82-128				
p-Isopropyltoluene	46		"	50.0		92.4	85-125				
sec-Butylbenzene	45		"	50.0		89.8	83-125				
Styrene	52		"	50.0		104	86-126				
tert-Butyl alcohol (TBA)	170		"	250		70.0	70-130				
tert-Butylbenzene	44		"	50.0		87.7	80-127				
Tetrachloroethylene	46		"	50.0		92.3	80-129				
Toluene	47		"	50.0		95.0	85-121				
trans-1,2-Dichloroethylene	62		"	50.0		123	72-132				
trans-1,3-Dichloropropylene	45		"	50.0		89.2	78-132				
trans-1,4-dichloro-2-butene	44		"	50.0		88.8	75-135				
Trichloroethylene	49		"	50.0		97.6	84-123				
Trichlorofluoromethane	56		"	50.0		112	62-140				
Vinyl Chloride	51		"	50.0		102	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*42.8*		*"*	*50.0*		*85.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*96.1*	*76-130*				
LCS Dup (BH41577-BSD1) LCS Dup							Prepared & Analyzed: 08/22/2024				
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	75-129		3.11	30	
1,1,1-Trichloroethane	61		"	50.0		121	71-137		0.497	30	
1,1,2,2-Tetrachloroethane	43		"	50.0		85.8	79-129		1.60	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	63		"	50.0		126	58-146		6.36	30	
1,1,2-Trichloroethane	50		"	50.0		100	83-123		5.58	30	
1,1-Dichloroethane	61		"	50.0		122	75-130		0.693	30	
1,1-Dichloroethylene	57		"	50.0		115	64-137		1.53	30	
1,2,3-Trichlorobenzene	42		"	50.0		83.2	81-140		2.07	30	
1,2,3-Trichloropropane	43		"	50.0		85.0	81-126		8.12	30	
1,2,4-Trichlorobenzene	45		"	50.0		89.6	80-141		0.537	30	
1,2,4-Trimethylbenzene	46		"	50.0		93.0	84-125		0.561	30	
1,2-Dibromo-3-chloropropane	41		"	50.0		81.9	74-142		6.14	30	
1,2-Dibromoethane	51		"	50.0		102	86-123		9.14	30	
1,2-Dichlorobenzene	44		"	50.0		88.2	85-122		0.317	30	
1,2-Dichloroethane	62		"	50.0		124	71-133		4.54	30	
1,2-Dichloropropane	47		"	50.0		94.0	81-122		0.636	30	
1,3,5-Trimethylbenzene	46		"	50.0		91.0	82-126		0.374	30	
1,3-Dichlorobenzene	46		"	50.0		91.3	84-124		2.26	30	
1,4-Dichlorobenzene	46		"	50.0		91.3	84-124		2.66	30	
1,4-Dioxane	970		"	1050		92.8	10-228		1.22	30	
2-Butanone	57		"	50.0		114	58-147		4.72	30	
2-Hexanone	47		"	50.0		94.2	70-139		4.96	30	
4-Methyl-2-pentanone	48		"	50.0		96.6	72-132		8.73	30	
Acetone	48		"	50.0		95.1	36-155		5.47	30	
Acrolein	15		"	50.0		30.9	10-238		21.9	30	
Acrylonitrile	70		"	50.0		140	66-141		6.51	30	
Benzene	63		"	50.0		126	77-127		0.540	30	
Bromochloromethane	61		"	50.0		121	74-129		4.20	30	
Bromodichloromethane	49		"	50.0		98.7	81-124		5.39	30	
Bromoform	50		"	50.0		100	80-136		5.38	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
LCS Dup (BH41577-BSD1) LCS Dup								Prepared & Analyzed: 08/22/2024			
Bromomethane	55		ug/L	50.0		110	32-177		1.30	30	
Carbon disulfide	62		"	50.0		123	10-136		3.13	30	
Carbon tetrachloride	63		"	50.0		126	66-143		2.94	30	
Chlorobenzene	50		"	50.0		100	86-120		1.30	30	
Chloroethane	54		"	50.0		109	51-142		7.48	30	
Chloroform	62		"	50.0		124	76-131		0.682	30	
Chloromethane	45		"	50.0		90.9	49-132		0.995	30	
cis-1,2-Dichloroethylene	57		"	50.0		114	74-132		4.92	30	
cis-1,3-Dichloropropylene	48		"	50.0		96.1	81-129		5.17	30	
Cyclohexane	61		"	50.0		122	70-130		1.35	30	
Dibromochloromethane	51		"	50.0		102	10-200		1.72	30	
Dibromomethane	49		"	50.0		98.8	83-124		5.66	30	
Dichlorodifluoromethane	35		"	50.0		70.5	28-158		4.35	30	
Ethyl Benzene	52		"	50.0		103	84-125		3.02	30	
Hexachlorobutadiene	44		"	50.0		87.7	83-133		2.42	30	
Isopropylbenzene	45		"	50.0		89.9	81-127		0.0890	30	
Methyl acetate	53		"	50.0		106	41-143		3.26	30	
Methyl tert-butyl ether (MTBE)	60		"	50.0		119	74-131		2.79	30	
Methylcyclohexane	48		"	50.0		95.6	70-130		5.86	30	
Methylene chloride	61		"	50.0		122	57-141		2.54	30	
n-Butylbenzene	47		"	50.0		93.4	80-130		1.88	30	
n-Propylbenzene	46		"	50.0		91.4	74-136		3.18	30	
o-Xylene	50		"	50.0		100	83-123		4.58	30	
p- & m- Xylenes	100		"	100		99.7	82-128		4.20	30	
p-Isopropyltoluene	46		"	50.0		92.7	85-125		0.259	30	
sec-Butylbenzene	44		"	50.0		88.8	83-125		1.05	30	
Styrene	55		"	50.0		109	86-126		5.16	30	
tert-Butyl alcohol (TBA)	190		"	250		74.7	70-130		6.55	30	
tert-Butylbenzene	44		"	50.0		88.7	80-127		1.11	30	
Tetrachloroethylene	47		"	50.0		94.5	80-129		2.40	30	
Toluene	49		"	50.0		98.6	85-121		3.76	30	
trans-1,2-Dichloroethylene	60		"	50.0		120	72-132		2.91	30	
trans-1,3-Dichloropropylene	48		"	50.0		95.9	78-132		7.24	30	
trans-1,4-dichloro-2-butene	44		"	50.0		88.0	75-135		0.882	30	
Trichloroethylene	51		"	50.0		102	84-123		4.70	30	
Trichlorofluoromethane	57		"	50.0		115	62-140		2.13	30	
Vinyl Chloride	50		"	50.0		99.7	52-130		1.87	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*"*	*50.0*		*98.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*43.8*		*"*	*50.0*		*87.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.2*		*"*	*50.0*		*94.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
Blank (BH41690-BLK1) Blank									Prepared & Analyzed: 08/23/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
Blank (BH41690-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.1*		*ug/L*	*50.0*		*98.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.8*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*76-130*				
LCS (BH41690-BS1) LCS								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	45		ug/L	50.0		89.6	75-129				
1,1,1-Trichloroethane	43		"	50.0		85.8	71-137				
1,1,2,2-Tetrachloroethane	42		"	50.0		83.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		"	50.0		86.6	58-146				
1,1,2-Trichloroethane	44		"	50.0		88.6	83-123				
1,1-Dichloroethane	43		"	50.0		85.7	75-130				
1,1-Dichloroethylene	40		"	50.0		79.8	64-137				
1,2,3-Trichlorobenzene	43		"	50.0		85.3	81-140				
1,2,3-Trichloropropane	42		"	50.0		85.0	81-126				
1,2,4-Trichlorobenzene	44		"	50.0		87.7	80-141				
1,2,4-Trimethylbenzene	45		"	50.0		90.6	84-125				
1,2-Dibromo-3-chloropropane	37		"	50.0		75.0	74-142				
1,2-Dibromoethane	43		"	50.0		86.4	86-123				
1,2-Dichlorobenzene	44		"	50.0		88.0	85-122				
1,2-Dichloroethane	42		"	50.0		84.1	71-133				
1,2-Dichloropropane	41		"	50.0		82.6	81-122				
1,3,5-Trimethylbenzene	44		"	50.0		88.5	82-126				
1,3-Dichlorobenzene	45		"	50.0		89.2	84-124				
1,4-Dichlorobenzene	45		"	50.0		89.6	84-124				
1,4-Dioxane	840		"	1050		80.4	10-228				
2-Butanone	41		"	50.0		82.6	58-147				
2-Hexanone	38		"	50.0		76.8	70-139				
4-Methyl-2-pentanone	40		"	50.0		79.5	72-132				
Acetone	35		"	50.0		70.5	36-155				
Acrolein	5.3		"	50.0		10.7	10-238				
Acrylonitrile	50		"	50.0		99.2	66-141				
Benzene	44		"	50.0		88.1	77-127				
Bromochloromethane	44		"	50.0		88.2	74-129				
Bromodichloromethane	43		"	50.0		86.5	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
LCS (BH41690-BS1) LCS							Prepared & Analyzed: 08/23/2024				
Bromoform	42		ug/L	50.0		84.4	80-136				
Bromomethane	38		"	50.0		75.7	32-177				
Carbon disulfide	42		"	50.0		84.6	10-136				
Carbon tetrachloride	45		"	50.0		89.2	66-143				
Chlorobenzene	44		"	50.0		87.2	86-120				
Chloroethane	37		"	50.0		74.6	51-142				
Chloroform	44		"	50.0		88.1	76-131				
Chloromethane	29		"	50.0		58.0	49-132				
cis-1,2-Dichloroethylene	40		"	50.0		79.9	74-132				
cis-1,3-Dichloropropylene	42		"	50.0		84.7	81-129				
Cyclohexane	42		"	50.0		83.2	70-130				
Dibromochloromethane	44		"	50.0		88.0	10-200				
Dibromomethane	44		"	50.0		87.1	83-124				
Dichlorodifluoromethane	20		"	50.0		40.4	28-158				
Ethyl Benzene	45		"	50.0		90.4	84-125				
Hexachlorobutadiene	42		"	50.0		84.7	83-133				
Isopropylbenzene	45		"	50.0		90.2	81-127				
Methyl acetate	39		"	50.0		77.1	41-143				
Methyl tert-butyl ether (MTBE)	41		"	50.0		81.1	74-131				
Methylcyclohexane	40		"	50.0		79.1	70-130				
Methylene chloride	43		"	50.0		85.1	57-141				
n-Butylbenzene	47		"	50.0		93.3	80-130				
n-Propylbenzene	44		"	50.0		89.0	74-136				
o-Xylene	43		"	50.0		86.5	83-123				
p- & m- Xylenes	86		"	100		85.7	82-128				
p-Isopropyltoluene	47		"	50.0		93.2	85-125				
sec-Butylbenzene	44		"	50.0		88.1	83-125				
Styrene	47		"	50.0		93.3	86-126				
tert-Butyl alcohol (TBA)	120		"	250		46.6	70-130	Low Bias			
tert-Butylbenzene	44		"	50.0		88.8	80-127				
Tetrachloroethylene	43		"	50.0		85.5	80-129				
Toluene	43		"	50.0		86.6	85-121				
trans-1,2-Dichloroethylene	42		"	50.0		83.8	72-132				
trans-1,3-Dichloropropylene	42		"	50.0		84.3	78-132				
trans-1,4-dichloro-2-butene	43		"	50.0		85.2	75-135				
Trichloroethylene	46		"	50.0		92.0	84-123				
Trichlorofluoromethane	38		"	50.0		76.1	62-140				
Vinyl Chloride	33		"	50.0		66.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.3*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
LCS Dup (BH41690-BSD1) LCS Dup							Prepared & Analyzed: 08/23/2024				
1,1,1,2-Tetrachloroethane	45		ug/L	50.0		90.6	75-129		1.07	30	
1,1,1-Trichloroethane	40		"	50.0		80.3	71-137		6.60	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		98.0	79-129		16.4	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41		"	50.0		82.3	58-146		5.02	30	
1,1,2-Trichloroethane	46		"	50.0		91.2	83-123		2.94	30	
1,1-Dichloroethane	39		"	50.0		78.7	75-130		8.49	30	
1,1-Dichloroethylene	37		"	50.0		74.6	64-137		6.71	30	
1,2,3-Trichlorobenzene	48		"	50.0		96.8	81-140		12.6	30	
1,2,3-Trichloropropane	50		"	50.0		100	81-126		16.3	30	
1,2,4-Trichlorobenzene	49		"	50.0		98.1	80-141		11.2	30	
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125		11.9	30	
1,2-Dibromo-3-chloropropane	47		"	50.0		94.2	74-142		22.7	30	
1,2-Dibromoethane	45		"	50.0		89.5	86-123		3.53	30	
1,2-Dichlorobenzene	48		"	50.0		96.2	85-122		8.95	30	
1,2-Dichloroethane	42		"	50.0		83.1	71-133		1.17	30	
1,2-Dichloropropane	45		"	50.0		89.6	81-122		8.17	30	
1,3,5-Trimethylbenzene	50		"	50.0		99.9	82-126		12.1	30	
1,3-Dichlorobenzene	49		"	50.0		98.6	84-124		9.99	30	
1,4-Dichlorobenzene	50		"	50.0		101	84-124		11.9	30	
1,4-Dioxane	1000		"	1050		98.9	10-228		20.6	30	
2-Butanone	47		"	50.0		94.0	58-147		13.0	30	
2-Hexanone	44		"	50.0		88.4	70-139		14.0	30	
4-Methyl-2-pentanone	46		"	50.0		91.8	72-132		14.3	30	
Acetone	37		"	50.0		74.0	36-155		4.90	30	
Acrolein	7.4		"	50.0		14.8	10-238		32.6	30	Non-dir.
Acrylonitrile	52		"	50.0		105	66-141		5.53	30	
Benzene	42		"	50.0		84.4	77-127		4.27	30	
Bromochloromethane	44		"	50.0		88.4	74-129		0.204	30	
Bromodichloromethane	46		"	50.0		91.5	81-124		5.62	30	
Bromoform	46		"	50.0		91.2	80-136		7.72	30	
Bromomethane	38		"	50.0		75.6	32-177		0.212	30	
Carbon disulfide	40		"	50.0		79.2	10-136		6.52	30	
Carbon tetrachloride	43		"	50.0		85.7	66-143		4.03	30	
Chlorobenzene	45		"	50.0		90.0	86-120		3.18	30	
Chloroethane	37		"	50.0		74.2	51-142		0.565	30	
Chloroform	42		"	50.0		83.9	76-131		4.86	30	
Chloromethane	26		"	50.0		52.7	49-132		9.50	30	
cis-1,2-Dichloroethylene	44		"	50.0		88.9	74-132		10.7	30	
cis-1,3-Dichloropropylene	43		"	50.0		85.6	81-129		0.963	30	
Cyclohexane	38		"	50.0		76.7	70-130		8.11	30	
Dibromochloromethane	47		"	50.0		93.8	10-200		6.42	30	
Dibromomethane	45		"	50.0		90.3	83-124		3.63	30	
Dichlorodifluoromethane	18		"	50.0		36.9	28-158		8.96	30	
Ethyl Benzene	48		"	50.0		96.4	84-125		6.43	30	
Hexachlorobutadiene	47		"	50.0		93.3	83-133		9.64	30	
Isopropylbenzene	50		"	50.0		99.9	81-127		10.2	30	
Methyl acetate	37		"	50.0		75.0	41-143		2.76	30	
Methyl tert-butyl ether (MTBE)	38		"	50.0		76.7	74-131		5.65	30	
Methylcyclohexane	41		"	50.0		82.1	70-130		3.77	30	
Methylene chloride	39		"	50.0		78.5	57-141		8.12	30	
n-Butylbenzene	51		"	50.0		102	80-130		9.15	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
LCS Dup (BH41690-BSD1) LCS Dup									Prepared & Analyzed: 08/23/2024		
n-Propylbenzene	49		ug/L	50.0		97.4	74-136		9.03	30	
o-Xylene	46		"	50.0		91.3	83-123		5.31	30	
p- & m- Xylenes	90		"	100		90.2	82-128		5.16	30	
p-Isopropyltoluene	51		"	50.0		102	85-125		8.48	30	
sec-Butylbenzene	49		"	50.0		98.6	83-125		11.2	30	
Styrene	50		"	50.0		99.2	86-126		6.09	30	
tert-Butyl alcohol (TBA)	120		"	250		48.5	70-130	Low Bias	4.00	30	
tert-Butylbenzene	49		"	50.0		98.0	80-127		9.92	30	
Tetrachloroethylene	42		"	50.0		83.8	80-129		2.08	30	
Toluene	45		"	50.0		90.6	85-121		4.51	30	
trans-1,2-Dichloroethylene	38		"	50.0		75.8	72-132		10.1	30	
trans-1,3-Dichloropropylene	44		"	50.0		87.6	78-132		3.82	30	
trans-1,4-dichloro-2-butene	47		"	50.0		94.9	75-135		10.8	30	
Trichloroethylene	46		"	50.0		91.9	84-123		0.152	30	
Trichlorofluoromethane	36		"	50.0		71.6	62-140		6.07	30	
Vinyl Chloride	31		"	50.0		61.1	52-130		8.62	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.7*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.8*		*"*	*50.0*		*95.6*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41462 - EPA 3550C											
Blank (BH41462-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41462 - EPA 3550C											
Blank (BH41462-BLK1) Blank								Prepared & Analyzed: 08/22/2024			
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.58*		"	*1.66*		*95.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.48*		"	*1.66*		*88.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.769*		"	*0.831*		*92.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.861*		"	*0.831*		*104*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.01*		"	*1.66*		*121*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.850*		"	*0.831*		*102*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41462 - EPA 3550C											
LCS (BH41462-BS1) LCS							Prepared & Analyzed: 08/22/2024				
1,1-Biphenyl	0.938	0.0416	mg/kg wet	0.831		113	18-111	High Bias			
1,2,4,5-Tetrachlorobenzene	0.930	0.0830	"	0.831		112	21-131				
1,2,4-Trichlorobenzene	0.950	0.0416	"	0.831		114	10-140				
1,2-Dichlorobenzene	0.856	0.0416	"	0.831		103	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.800	0.0416	"	0.831		96.3	17-137				
1,3-Dichlorobenzene	0.862	0.0416	"	0.831		104	33-110				
1,4-Dichlorobenzene	0.862	0.0416	"	0.831		104	32-104				
2,3,4,6-Tetrachlorophenol	1.09	0.0830	"	0.831		132	30-130	High Bias			
2,4,5-Trichlorophenol	1.04	0.0416	"	0.831		126	27-118	High Bias			
2,4,6-Trichlorophenol	1.07	0.0416	"	0.831		128	31-120	High Bias			
2,4-Dichlorophenol	1.00	0.0416	"	0.831		121	20-127				
2,4-Dimethylphenol	0.836	0.0416	"	0.831		101	14-132				
2,4-Dinitrophenol	0.678	0.0830	"	0.831		81.7	10-171				
2,4-Dinitrotoluene	1.09	0.0416	"	0.831		132	34-131	High Bias			
2,6-Dinitrotoluene	1.10	0.0416	"	0.831		133	31-128	High Bias			
2-Chloronaphthalene	0.915	0.0416	"	0.831		110	31-117				
2-Chlorophenol	0.899	0.0416	"	0.831		108	33-113				
2-Methylnaphthalene	0.949	0.0416	"	0.831		114	12-138				
2-Methylphenol	0.905	0.0416	"	0.831		109	10-136				
2-Nitroaniline	1.01	0.0830	"	0.831		122	27-132				
2-Nitrophenol	0.966	0.0416	"	0.831		116	17-129				
3- & 4-Methylphenols	0.800	0.0416	"	0.831		96.3	29-103				
3,3-Dichlorobenzidine	1.19	0.0416	"	0.831		144	22-149				
3-Nitroaniline	1.14	0.0830	"	0.831		138	20-133	High Bias			
4,6-Dinitro-2-methylphenol	0.766	0.0830	"	0.831		92.2	10-143				
4-Bromophenyl phenyl ether	1.02	0.0416	"	0.831		123	29-120	High Bias			
4-Chloro-3-methylphenol	1.00	0.0416	"	0.831		121	24-129				
4-Chloroaniline	0.850	0.0416	"	0.831		102	10-132				
4-Chlorophenyl phenyl ether	1.06	0.0416	"	0.831		128	27-124	High Bias			
4-Nitroaniline	0.992	0.0830	"	0.831		119	16-128				
4-Nitrophenol	0.928	0.0830	"	0.831		112	10-141				
Acenaphthene	0.846	0.0416	"	0.831		102	30-121				
Acenaphthylene	0.910	0.0416	"	0.831		110	30-115				
Acetophenone	0.910	0.0416	"	0.831		110	20-112				
Aniline	0.673	0.166	"	0.831		81.0	10-119				
Anthracene	0.973	0.0416	"	0.831		117	34-118				
Atrazine	1.05	0.0416	"	0.831		126	26-112	High Bias			
Benzaldehyde	0.693	0.0416	"	0.831		83.5	21-100				
Benzo(a)anthracene	0.951	0.0416	"	0.831		115	32-122				
Benzo(a)pyrene	0.972	0.0416	"	0.831		117	29-133				
Benzo(b)fluoranthene	0.962	0.0416	"	0.831		116	25-133				
Benzo(g,h,i)perylene	1.01	0.0416	"	0.831		121	10-143				
Benzo(k)fluoranthene	0.906	0.0416	"	0.831		109	25-128				
Benzoic acid	0.895	0.0416	"	0.831		108	10-140				
Benzyl alcohol	0.876	0.0416	"	0.831		105	30-115				
Benzyl butyl phthalate	0.965	0.0416	"	0.831		116	26-126				
Bis(2-chloroethoxy)methane	0.860	0.0416	"	0.831		104	19-132				
Bis(2-chloroethyl)ether	0.811	0.0416	"	0.831		97.6	19-125				
Bis(2-chloroisopropyl)ether	0.698	0.0416	"	0.831		84.0	20-135				
Bis(2-ethylhexyl)phthalate	0.990	0.0416	"	0.831		119	10-155				
Caprolactam	1.15	0.0830	"	0.831		139	10-127	High Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41462 - EPA 3550C											
LCS (BH41462-BS1) LCS							Prepared & Analyzed: 08/22/2024				
Carbazole	0.957	0.0416	mg/kg wet	0.831		115	35-123				
Chrysene	0.899	0.0416	"	0.831		108	32-123				
Dibenzo(a,h)anthracene	1.09	0.0416	"	0.831		131	10-136				
Dibenzofuran	0.973	0.0416	"	0.831		117	29-121				
Diethyl phthalate	0.985	0.0416	"	0.831		119	34-116	High Bias			
Dimethyl phthalate	0.982	0.0416	"	0.831		118	35-124				
Di-n-butyl phthalate	1.03	0.0416	"	0.831		124	31-116	High Bias			
Di-n-octyl phthalate	1.12	0.0416	"	0.831		135	26-136				
Diphenylamine	1.11	0.0830	"	0.831		134	40-140				
Fluoranthene	1.03	0.0416	"	0.831		125	33-122	High Bias			
Fluorene	0.979	0.0416	"	0.831		118	29-123				
Hexachlorobenzene	0.936	0.0416	"	0.831		113	21-124				
Hexachlorobutadiene	0.983	0.0416	"	0.831		118	10-149				
Hexachlorocyclopentadiene	0.514	0.0416	"	0.831		61.9	10-129				
Hexachloroethane	0.824	0.0416	"	0.831		99.2	28-108				
Indeno(1,2,3-cd)pyrene	1.21	0.0416	"	0.831		146	10-135	High Bias			
Isophorone	0.846	0.0416	"	0.831		102	20-132				
Naphthalene	0.904	0.0416	"	0.831		109	23-124				
Nitrobenzene	0.854	0.0416	"	0.831		103	13-132				
N-Nitrosodimethylamine	0.871	0.0416	"	0.831		105	11-129				
N-nitroso-di-n-propylamine	0.818	0.0416	"	0.831		98.4	24-119				
N-Nitrosodiphenylamine	1.08	0.0416	"	0.831		130	22-152				
Pentachlorophenol	1.08	0.0416	"	0.831		130	10-139				
Phenanthrene	0.983	0.0416	"	0.831		118	33-123				
Phenol	0.871	0.0416	"	0.831		105	23-115				
Pyrene	0.893	0.0416	"	0.831		107	32-130				
Surrogate: SURR: 2-Fluorophenol	*1.75*		"	*1.66*		*105*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.63*		"	*1.66*		*98.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.848*		"	*0.831*		*102*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.927*		"	*0.831*		*112*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.24*		"	*1.66*		*135*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.928*		"	*0.831*		*112*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41757 - EPA 3550C											
Blank (BH41757-BLK1) Blank								Prepared & Analyzed: 08/27/2024			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*292*		*"*	*495*		*59.0*	*39-127.5*				
LCS (BH41757-BS1) LCS								Prepared & Analyzed: 08/27/2024			
1,4-Dioxane	486	19.8	ug/kg	495		98.2	40-130				
Surrogate: 1,4-Dioxane-d8	*321*		*"*	*495*		*64.8*	*39-127.5*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
Blank (BH41437-BLK1) Blank									Prepared: 08/21/2024 Analyzed: 08/23/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.750	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.757	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.789	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.351	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.740	"								
HFPO-DA (Gen-X)	ND	0.789	"								
11CL-PF3OUdS	0.493	0.746	"								
9CL-PF3ONS	ND	0.738	"								
ADONA	ND	0.746	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.986	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.93	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.93	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.73*		"	*2.30*		*119*	*25-150*				
Surrogate: M5PFHxA	*2.62*		"	*2.47*		*106*	*25-150*				
Surrogate: M4PFHpA	*3.07*		"	*2.47*		*125*	*25-150*				
Surrogate: M3PFHxS	*2.17*		"	*2.34*		*92.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.50*		"	*2.47*		*101*	*25-150*				
Surrogate: M6PFDA	*1.23*		"	*1.23*		*99.6*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.23*		*95.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.02*		"	*1.23*		*83.0*	*25-150*				
Surrogate: M2PFTeDA	*0.725*		"	*1.23*		*58.8*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
Blank (BH41437-BLK1) Blank								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.78*		*ug/kg wet*	*9.86*		*99.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.32*		*"*	*2.36*		*98.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.23*		*"*	*4.93*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.67*		*"*	*2.47*		*108*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.83*		*"*	*4.93*		*77.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.05*		*"*	*4.93*		*82.2*	*25-150*				
Surrogate: M2-6:2 FTS	*5.61*		*"*	*4.69*		*120*	*25-200*				
Surrogate: M2-8:2 FTS	*5.87*		*"*	*4.73*		*124*	*25-200*				
Surrogate: M9PFNA	*1.15*		*"*	*1.23*		*92.9*	*25-150*				
Surrogate: M2-4:2 FTS	*6.97*		*"*	*4.63*		*151*	*25-150*				
Surrogate: d-N-MeFOSA	*3.48*		*"*	*2.47*		*141*	*25-150*				
Surrogate: d-N-EtFOSA	*2.55*		*"*	*2.47*		*103*	*25-150*				
Surrogate: M3HFPO-DA	*14.3*		*"*	*9.86*		*145*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.4*		*"*	*24.7*		*74.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.1*		*"*	*24.7*		*81.5*	*25-150*				
LCS (BH41437-BS1) LCS								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Perfluorobutanesulfonic acid (PFBS)	3.20	0.175	ug/kg wet	3.50		91.4	50-150				
Perfluorohexanoic acid (PFHxA)	3.81	0.198	"	3.95		96.5	50-150				
Perfluoroheptanoic acid (PFHpA)	3.47	0.198	"	3.95		87.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.55	0.181	"	3.62		98.1	50-150				
Perfluorooctanoic acid (PFOA)	4.00	0.198	"	3.95		101	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.32	0.184	"	3.68		90.3	50-150				
Perfluorononanoic acid (PFNA)	3.90	0.198	"	3.95		98.5	50-150				
Perfluorodecanoic acid (PFDA)	4.31	0.198	"	3.95		109	50-150				
Perfluoroundecanoic acid (PFUnA)	4.29	0.198	"	3.95		109	50-150				
Perfluorododecanoic acid (PFDoA)	3.76	0.198	"	3.95		95.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.74	0.198	"	3.95		120	50-150				
Perfluorotetradecanoic acid (PFTA)	4.11	0.198	"	3.95		104	50-150				
N-MeFOSAA	3.51	0.198	"	3.95		88.9	50-150				
N-EtFOSAA	3.84	0.198	"	3.95		97.1	50-150				
Perfluoropentanoic acid (PFPeA)	7.87	0.395	"	7.91		99.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.68	0.198	"	3.95		93.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.14	0.198	"	3.77		83.3	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.92	0.191	"	3.81		76.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.0	0.751	"	15.0		107	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	13.0	0.759	"	15.2		85.4	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.9	0.791	"	15.8		101	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.03	0.352	"	7.04		114	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.31	0.395	"	7.91		105	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.85	0.395	"	7.91		99.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.17	0.395	"	7.91		103	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.80	0.186	"	3.72		102	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.3	0.741	"	14.8		96.2	50-150				
HFPO-DA (Gen-X)	6.25	0.791	"	7.91		79.0	50-150				
11CL-PF3OUdS	3.49	0.747	"	7.47		46.7	50-150	Low Bias			
9CL-PF3ONS	4.37	0.739	"	7.39		59.1	50-150				
ADONA	4.78	0.747	"	7.47		64.0	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
LCS (BH41437-BS1) LCS								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.79	0.192	ug/kg wet	3.83		46.8	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	3.56	0.190	"	3.79		93.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	25.9	0.988	"	15.8		164	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	103	4.94	"	79.1		130	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	87.8	4.94	"	79.1		111	50-150				
N-MeFOSE	39.8	1.98	"	39.5		101	50-150				
N-MeFOSA	3.43	0.198	"	3.95		86.7	50-150				
N-EtFOSE	38.0	1.98	"	39.5		96.2	50-150				
N-EtFOSA	4.70	0.198	"	3.95		119	50-150				
Surrogate: M3PFBS	*2.84*		"	*2.30*		*123*	*25-150*				
Surrogate: M5PFHxA	*2.33*		"	*2.47*		*94.3*	*25-150*				
Surrogate: M4PFHpA	*2.71*		"	*2.47*		*110*	*25-150*				
Surrogate: M3PFHxS	*2.61*		"	*2.34*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.37*		"	*2.47*		*96.0*	*25-150*				
Surrogate: M6PFDA	*1.12*		"	*1.24*		*90.3*	*25-150*				
Surrogate: M7PFUdA	*1.05*		"	*1.24*		*84.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.874*		"	*1.24*		*70.7*	*25-150*				
Surrogate: M2PFTeDA	*0.700*		"	*1.24*		*56.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.47*		"	*9.88*		*95.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.23*		"	*2.37*		*94.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.60*		"	*4.94*		*93.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.37*		"	*2.47*		*95.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.50*		"	*4.94*		*70.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.63*		"	*4.94*		*73.4*	*25-150*				
Surrogate: M2-6:2 FTS	*7.37*		"	*4.70*		*157*	*25-200*				
Surrogate: M2-8:2 FTS	*7.24*		"	*4.74*		*153*	*25-200*				
Surrogate: M9PFNA	*1.21*		"	*1.24*		*97.6*	*25-150*				
Surrogate: M2-4:2 FTS	*8.74*		"	*4.63*		*189*	*25-150*				
Surrogate: d-N-MeFOSA	*2.93*		"	*2.47*		*119*	*25-150*				
Surrogate: d-N-EtFOSA	*2.44*		"	*2.47*		*98.8*	*25-150*				
Surrogate: M3HFPO-DA	*13.1*		"	*9.88*		*132*	*25-150*				
Surrogate: d9-N-EtFOSE	*17.3*		"	*24.7*		*70.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.1*		"	*24.7*		*77.4*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
LCS (BH41437-BS2) LCS								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Perfluorobutanesulfonic acid (PFBS)	0.618	0.177	ug/kg wet	0.708		87.3	50-150				
Perfluorohexanoic acid (PFHxA)	0.680	0.200	"	0.800		85.0	50-150				
Perfluoroheptanoic acid (PFHpA)	0.642	0.200	"	0.800		80.3	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.703	0.183	"	0.732		96.0	50-150				
Perfluorooctanoic acid (PFOA)	0.735	0.200	"	0.800		91.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.616	0.186	"	0.744		82.8	50-150				
Perfluorononanoic acid (PFNA)	0.751	0.200	"	0.800		93.8	50-150				
Perfluorodecanoic acid (PFDA)	0.853	0.200	"	0.800		107	50-150				
Perfluoroundecanoic acid (PFUnA)	0.832	0.200	"	0.800		104	50-150				
Perfluorododecanoic acid (PFDoA)	0.684	0.200	"	0.800		85.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.793	0.200	"	0.800		99.1	50-150				
Perfluorotetradecanoic acid (PFTA)	0.757	0.200	"	0.800		94.6	50-150				
N-MeFOSAA	0.711	0.200	"	0.800		88.8	50-150				
N-EtFOSAA	0.582	0.200	"	0.800		72.7	50-150				
Perfluoropentanoic acid (PFPeA)	1.42	0.400	"	1.60		88.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.749	0.200	"	0.800		93.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.626	0.200	"	0.764		82.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.575	0.193	"	0.772		74.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.84	0.760	"	3.04		93.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.12	0.768	"	3.07		102	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.93	0.800	"	3.20		91.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.46	0.356	"	1.42		103	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.65	0.400	"	1.60		103	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.42	0.400	"	1.60		88.8	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.51	0.400	"	1.60		94.3	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.768	0.188	"	0.752		102	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.43	0.750	"	3.00		80.9	50-150				
HFPO-DA (Gen-X)	1.54	0.800	"	1.60		96.4	50-150				
11CL-PF3OUdS	1.06	0.756	"	1.51		70.4	50-150				
9CL-PF3ONS	0.789	0.748	"	1.50		52.7	50-150				
ADONA	1.32	0.756	"	1.51		87.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.368	0.194	"	0.776		47.5	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.739	0.192	"	0.768		96.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	4.72	1.00	"	3.20		147	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	18.9	5.00	"	16.0		118	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	16.1	5.00	"	16.0		101	50-150				
N-MeFOSE	7.42	2.00	"	8.00		92.8	50-150				
N-MeFOSA	0.757	0.200	"	0.800		94.6	50-150				
N-EtFOSE	7.37	2.00	"	8.00		92.1	50-150				
N-EtFOSA	0.683	0.200	"	0.800		85.4	50-150				
Surrogate: M3PFBS	*3.48*		"	*2.33*		*149*	*25-150*				
Surrogate: M5PFHxA	*3.02*		"	*2.50*		*121*	*25-150*				
Surrogate: M4PFHpA	*3.41*		"	*2.50*		*137*	*25-150*				
Surrogate: M3PFHxS	*2.94*		"	*2.37*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.86*		"	*2.50*		*114*	*25-150*				
Surrogate: M6PFDA	*1.24*		"	*1.25*		*99.1*	*25-150*				
Surrogate: M7PFUdA	*1.23*		"	*1.25*		*98.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.997*		"	*1.25*		*79.8*	*25-150*				
Surrogate: M2PFTeDA	*0.859*		"	*1.25*		*68.7*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
LCS (BH41437-BS2) LCS									Prepared: 08/21/2024 Analyzed: 08/23/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		*ug/kg wet*	*10.0*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.60*		*"*	*2.40*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.87*		*"*	*5.00*		*117*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.01*		*"*	*2.50*		*120*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.70*		*"*	*5.00*		*94.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.19*		*"*	*5.00*		*104*	*25-150*				
Surrogate: M2-6:2 FTS	*8.52*		*"*	*4.76*		*179*	*25-200*				
Surrogate: M2-8:2 FTS	*7.32*		*"*	*4.80*		*153*	*25-200*				
Surrogate: M9PFNA	*1.40*		*"*	*1.25*		*112*	*25-150*				
Surrogate: M2-4:2 FTS	*9.08*		*"*	*4.69*		*194*	*25-150*				
Surrogate: d-N-MeFOSA	*3.65*		*"*	*2.50*		*146*	*25-150*				
Surrogate: d-N-EtFOSA	*2.93*		*"*	*2.50*		*117*	*25-150*				
Surrogate: M3HFPO-DA	*16.8*		*"*	*10.0*		*168*	*25-150*				
Surrogate: d9-N-EtFOSE	*23.7*		*"*	*25.0*		*95.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*25.5*		*"*	*25.0*		*102*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41459 - EPA 3550C											
Blank (BH41459-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0493*		*"*	*0.0664*		*74.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0680*		*"*	*0.0664*		*102*	*30-150*				
LCS (BH41459-BS1) LCS									Prepared & Analyzed: 08/22/2024		
4,4'-DDD	0.0289	0.00164	mg/kg wet	0.0332		86.9	40-140				
4,4'-DDE	0.0261	0.00164	"	0.0332		78.7	40-140				
4,4'-DDT	0.0272	0.00164	"	0.0332		81.9	40-140				
Aldrin	0.0276	0.00164	"	0.0332		83.0	40-140				
alpha-BHC	0.0321	0.00164	"	0.0332		96.6	40-140				
alpha-Chlordane	0.0260	0.00164	"	0.0332		78.2	40-140				
beta-BHC	0.0303	0.00164	"	0.0332		91.2	40-140				
delta-BHC	0.0290	0.00164	"	0.0332		87.3	40-140				
Dieldrin	0.0271	0.00164	"	0.0332		81.6	40-140				
Endosulfan I	0.0273	0.00164	"	0.0332		82.3	40-140				
Endosulfan II	0.0291	0.00164	"	0.0332		87.5	40-140				
Endosulfan sulfate	0.0249	0.00164	"	0.0332		74.9	40-140				
Endrin [2C]	0.0271	0.00164	"	0.0332		81.5	40-140				
Endrin aldehyde	0.0278	0.00164	"	0.0332		83.8	40-140				
Endrin ketone	0.0250	0.00164	"	0.0332		75.1	40-140				
gamma-BHC (Lindane)	0.0277	0.00164	"	0.0332		83.5	40-140				
gamma-Chlordane	0.0265	0.00164	"	0.0332		79.9	40-140				
Heptachlor	0.0274	0.00164	"	0.0332		82.4	40-140				
Heptachlor epoxide	0.0279	0.00164	"	0.0332		83.8	40-140				
Methoxychlor	0.0251	0.00164	"	0.0332		75.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0439*		*"*	*0.0664*		*66.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0654*		*"*	*0.0664*		*98.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41861 - EPA 3550C											
Blank (BH41861-BLK1) Blank									Prepared & Analyzed: 08/28/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0440*		*"*	*0.0664*		*66.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0513*		*"*	*0.0664*		*77.2*	*30-150*				
LCS (BH41861-BS1) LCS									Prepared & Analyzed: 08/28/2024		
4,4'-DDD	0.0192	0.00164	mg/kg wet	0.0332		57.8	40-140				
4,4'-DDE	0.0193	0.00164	"	0.0332		58.1	40-140				
4,4'-DDT	0.0197	0.00164	"	0.0332		59.3	40-140				
Aldrin	0.0206	0.00164	"	0.0332		61.9	40-140				
alpha-BHC	0.0216	0.00164	"	0.0332		64.9	40-140				
alpha-Chlordane	0.0220	0.00164	"	0.0332		66.1	40-140				
beta-BHC	0.0234	0.00164	"	0.0332		70.5	40-140				
delta-BHC	0.0206	0.00164	"	0.0332		62.0	40-140				
Dieldrin	0.0214	0.00164	"	0.0332		64.4	40-140				
Endosulfan I	0.0248	0.00164	"	0.0332		74.6	40-140				
Endosulfan II	0.0237	0.00164	"	0.0332		71.4	40-140				
Endosulfan sulfate	0.0220	0.00164	"	0.0332		66.2	40-140				
Endrin	0.0223	0.00164	"	0.0332		67.1	40-140				
Endrin aldehyde	0.0229	0.00164	"	0.0332		68.9	40-140				
Endrin ketone	0.0223	0.00164	"	0.0332		67.2	40-140				
gamma-BHC (Lindane)	0.0217	0.00164	"	0.0332		65.4	40-140				
gamma-Chlordane	0.0220	0.00164	"	0.0332		66.3	40-140				
Heptachlor	0.0236	0.00164	"	0.0332		71.1	40-140				
Heptachlor epoxide	0.0228	0.00164	"	0.0332		68.5	40-140				
Methoxychlor	0.0198	0.00164	"	0.0332		59.6	40-140				
Surrogate: Decachlorobiphenyl	*0.0384*		*"*	*0.0664*		*57.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0470*		*"*	*0.0664*		*70.8*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41403 - EPA 3550C											
Blank (BH41403-BLK1) Blank								Prepared & Analyzed: 08/21/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0631*		*"*	*0.0664*		*95.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0362*		*"*	*0.0664*		*54.5*	*30-140*				
LCS (BH41403-BS1) LCS								Prepared & Analyzed: 08/21/2024			
Aroclor 1016	0.266	0.0166	mg/kg wet	0.332		80.0	40-130				
Aroclor 1260	0.257	0.0166	"	0.332		77.5	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0535*		*"*	*0.0664*		*80.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0362*		*"*	*0.0664*		*54.5*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41358 - EPA 3550C/8151A											
Blank (BH41358-BLK1) Blank									Prepared: 08/21/2024 Analyzed: 08/22/2024		
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.327*		*"*	*0.417*		*78.4*	*21-150*				
LCS (BH41358-BS1) LCS									Prepared: 08/21/2024 Analyzed: 08/22/2024		
2,4,5-T	0.0750	0.0200	mg/kg wet	0.0667		112	10-120				
2,4,5-TP (Silvex)	0.0775	0.0200	"	0.0667		116	10-120				
2,4-D	0.0883	0.0200	"	0.0667		132	10-118	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.403*		*"*	*0.417*		*96.8*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41413 - EPA 3050B											
Blank (BH41413-BLK1) Blank									Prepared: 08/21/2024 Analyzed: 08/22/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	0.067	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	10.0	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BH41413-SRM1) Reference									Prepared: 08/21/2024 Analyzed: 08/22/2024		
Aluminum	5680	4.17	mg/kg wet	7680		74.0	46.7-129.9				
Antimony	74.9	2.08	"	257		29.1	1-100				
Arsenic	294	1.25	"	360		81.7	70.6-102.2				
Barium	297	2.08	"	332		89.6	75-108.1				
Beryllium	162	0.042	"	183		88.7	76.5-108.2				
Cadmium	196	0.250	"	238		82.4	73.5-105				
Calcium	4800	4.17	"	5490		87.4	77.2-110.9				
Chromium	174	0.417	"	199		87.2	73.4-107				
Cobalt	81.3	0.333	"	88.7		91.6	76.6-107.6				
Copper	212	1.67	"	227		93.6	74.9-105.7				
Iron	6000	20.8	"	7360		81.5	51.1-125.8				
Lead	87.5	0.417	"	100		87.5	75.9-110				
Magnesium	1560	4.17	"	1900		81.9	67.4-111.1				
Manganese	497	0.417	"	591		84.1	72.6-107.1				
Nickel	308	0.830	"	342		90.1	75.4-107.6				
Potassium	1170	4.17	"	1500		78.1	66.1-116.7				
Selenium	154	2.08	"	170		90.5	78.2-115.9				
Silver	76.8	0.420	"	88.6		86.7	73.9-112				
Sodium	534	41.7	"	527		101	68.5-115.9				
Thallium	190	2.08	"	226		84.0	73.5-108.4				
Vanadium	101	0.830	"	118		85.5	68.1-106.8				
Zinc	163	2.08	"	183		89.2	72.7-109.3				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41475 - EPA 7473 soil											
Blank (BH41475-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH41475-SRM1) Reference									Prepared & Analyzed: 08/22/2024		
Mercury	19.245		mg/kg	18.2		106	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41640 - Analysis Preparation Soil												
Blank (BH41640-BLK1)	Blank								Prepared & Analyzed: 08/26/2024			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BH41640-DUP1)	Duplicate	*Source sample: 24H1317-03 (PE15_16)							Prepared & Analyzed: 08/26/2024			
Cyanide, total		ND	0.552	mg/kg dry		ND					15	
Matrix Spike (BH41640-MS1)	Matrix Spike	*Source sample: 24H1317-03 (PE15_16)							Prepared & Analyzed: 08/26/2024			
Cyanide, total		4.96	0.552	mg/kg dry	5.52	ND	90.0	79.6-107				
Matrix Spike Dup (BH41640-I	Matrix Spike Dup	*Source sample: 24H1317-03 (PE15_16)							Prepared & Analyzed: 08/26/2024			
Cyanide, total		4.85	0.552	mg/kg dry	5.52	ND	88.0	79.6-107		2.25	200	
Reference (BH41640-SRM1)	Reference								Prepared & Analyzed: 08/26/2024			
Cyanide, total		50.3		ug/mL	59.7		84.2	38.5-161.4				
Batch BH41707 - EPA SW846-3060												
Blank (BH41707-BLK1)	Blank								Prepared: 08/26/2024 Analyzed: 08/27/2024			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BH41707-DUP1)	Duplicate	*Source sample: 24H1317-03 (PE15_16)							Prepared: 08/26/2024 Analyzed: 08/27/2024			
Chromium, Hexavalent		ND	0.552	mg/kg dry		ND					35	
Matrix Spike (BH41707-MS1)	Matrix Spike	*Source sample: 24H1317-03 (PE15_16)							Prepared: 08/26/2024 Analyzed: 08/27/2024			
Chromium, Hexavalent		13.1	0.552	mg/kg dry	22.1	ND	59.2	75-125	Low Bias			
Matrix Spike Dup (BH41707-I	Matrix Spike Dup	*Source sample: 24H1317-03 (PE15_16)							Prepared: 08/26/2024 Analyzed: 08/27/2024			
Chromium, Hexavalent		12.4	0.552	mg/kg dry	22.1	ND	56.0	75-125	Low Bias	5.56	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41707 - EPA SW846-3060											
Reference (BH41707-SRM1) Reference										Prepared: 08/26/2024 Analyzed: 08/27/2024	
Chromium, Hexavalent	238		mg/L	227		105	42.3-157.7				
Batch BH41875 - EPA SW846-3060											
Blank (BH41875-BLK1) Blank										Prepared & Analyzed: 08/28/2024	
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BH41875-SRM1) Reference										Prepared & Analyzed: 08/28/2024	
Chromium, Hexavalent	242		mg/L	227		107	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H1317-01	PE13_15	40mL Vial with Stir Bar-Cool 4° C
24H1317-02	PE14_15	40mL Vial with Stir Bar-Cool 4° C
24H1317-03	PE15_16	40mL Vial with Stir Bar-Cool 4° C
24H1317-04	PE11_15	40mL Vial with Stir Bar-Cool 4° C
24H1317-05	PE22_16	40mL Vial with Stir Bar-Cool 4° C
24H1317-06	PE23_16	40mL Vial with Stir Bar-Cool 4° C
24H1317-07	PE30_16	40mL Vial with Stir Bar-Cool 4° C
24H1317-08	PE31_16	40mL Vial with Stir Bar-Cool 4° C
24H1317-09	TB_08202024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
PCB-Tot	It is noted that other PCB species were detected in the sample other than those reported and may include PCB 1262 and PCB 1268.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: Aroclor 1268 turned on for sample -05.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24H1317

Page 1 of 1

Report To:
Company: LANGAN
Address: 300 Kimball Dr Parsippany NJ 07054
Phone.: 973 560 4900
Contact: Lauren Kofft
E-mail: LKofft@langan.com

Invoice To:
Company:
Address:
Phone.: Same
Contact:
E-mail:

YOUR Project Name / Number: 12096 Flatlands Avenue 100688801

PO Number:

Samples Collected From: NY X, NJ, CT, PA, Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

K. Godfrey
Kyle S. Godfrey
Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pesticides/Herbicides	Cyanide	TAL Metals	CrVI/Cr3	PFAS	1,4-dioxane				Grab or Comp.
PE-13_15	8/20	8:10	Soil	3									1	X	X	X	X	X	X	X	X				G
PE-14_15		8:20		3									1	X	X	X	X	X	X	X	X				G
PE-15_16		12:30		3									1	X	X	X	X	X	X	X	X				G
PE-11_15		8:00		3									1	X	X	X	X	X	X	X	X				G
PE-22_16		12:15		3									1	X	X	X	X	X	X	X	X				G
PE-23_16		8:40		3									1	X	X	X	X	X	X	X	X				G
PE-30_16		8:50		3									1	X	X	X	X	X	X	X	X				G
PE-31_16		8:30		3									1	X	X	X	X	X	X	X	X				G
TB-08202024		X	LIQ		2									X											G

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered
Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
K. Godfrey LANGAN	8/20 15:00				8/20/24 15:45
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	8/20/24 15:45		8/20/24 1900	Ramon Duran	8/20/24 1800
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
Ramon Duran	8/20/24 20:50				8/20/24 20:50 4.4 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1562

Revision No. **1.0**

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1562

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 22, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H1562-01	DUP-1_08222024	Soil	08/22/2024	08/22/2024
24H1562-02	TB_08222024	Water	08/22/2024	08/22/2024
24H1562-03	PE21_15	Soil	08/22/2024	08/22/2024
24H1562-04	PE29_15	Soil	08/22/2024	08/22/2024
24H1562-05	PE38_16	Soil	08/22/2024	08/22/2024
24H1562-06	PE39_16	Soil	08/22/2024	08/22/2024

General Notes for York Project (SDG) No.: 24H1562

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 09/09/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.033	0.065	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0018**	J	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.011**		mg/kg dry	0.0033	0.0065	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0033	0.0065	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0018**	CCVE, J	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.226	0.452	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.226	0.452	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0623**	J	mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*83.7 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*77.0 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.3 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*92.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*109 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*92.6 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 12:43	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*65.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.152	0.242	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0726	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.144	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.245	0.251	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.236	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.229	0.255	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.259	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.262	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.271	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.223	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.171	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.141	0.274	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.203	0.274	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.266	0.274	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.149	0.548	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.200	0.274	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.212	0.274	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.262	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.815	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.03	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.149	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.190	0.488	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.264	0.548	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0849	0.548	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.132	0.548	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.215	0.258	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.815	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.833	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.426	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.337	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.238	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.232	0.266	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.170	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.869	1.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.87	6.85	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.05	6.85	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.837	2.74	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.247	0.274	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.955	2.74	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.271	0.274	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*114 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*97.4 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*153 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*105 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*106 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*116 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*118 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*109 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*86.8 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*114 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*94.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.6 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*119 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*128 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*216 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*304 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*105 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*154 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*65.8 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*51.5 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*73.7 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*71.2 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*67.8 %*		*25-150*

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0450	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0273	1	EPA 8151A	08/27/2024 08:23	08/27/2024 19:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0273	1	EPA 8151A	08/27/2024 08:23	08/27/2024 19:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0273	1	EPA 8151A	08/27/2024 08:23	08/27/2024 19:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*70.2 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14200**		mg/kg dry	5.72	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.86	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.88**		mg/kg dry	1.72	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**18.6**		mg/kg dry	2.86	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.286**		mg/kg dry	0.058	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.343	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1050**		mg/kg dry	5.72	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.8**		mg/kg dry	0.572	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.28**		mg/kg dry	0.457	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**5.22**		mg/kg dry	2.29	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**5190**		mg/kg dry	28.6	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**696**		mg/kg dry	0.572	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1730**		mg/kg dry	5.72	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**40.8**		mg/kg dry	0.572	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**11.3**		mg/kg dry	1.14	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**911**		mg/kg dry	5.72	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.86	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.577	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**342**		mg/kg dry	57.2	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.86	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.2**		mg/kg dry	1.14	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**25.5**		mg/kg dry	2.85	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0412	1	EPA 7473	08/26/2024 13:52	08/27/2024 14:14	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.686	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**15.8**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.686	1	EPA 9014/9010C	08/26/2024 14:40	08/26/2024 18:50	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**72.9**		%	0.100	1	SM 2540G	08/23/2024 11:33	08/23/2024 15:43	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: TB_08222024 **York Sample ID:** 24H1562-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Water	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	40	40	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08222024 **York Sample ID:** 24H1562-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Water	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_08222024 **York Sample ID:** 24H1562-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Water	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08222024 **York Sample ID:** 24H1562-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Water	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.7 %*	*79-122*

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.087	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0068**	J	mg/kg dry	0.0043	0.0087	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0043	0.0087	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*113 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.224	0.448	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.224	0.448	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.143**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.128**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.164**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0822**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.135**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.309**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.100**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.158**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.242**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*74.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*68.1 %*	*23-114*

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*84.9 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*103 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.7 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 13:00	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.9 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.148	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0707	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.140	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.239	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.230	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.223	0.248	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.252	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.255	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.264	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.218	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.167	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.137	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.198	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.259	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.145	0.534	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.195	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.207	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.255	0.258	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.794	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.01	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.145	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.186	0.475	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.258	0.534	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0827	0.534	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.128	0.534	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.210	0.251	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.794	1.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.811	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.415	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.328	0.998	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.232	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.226	0.259	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.165	0.256	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.846	1.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.80	6.67	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.00	6.67	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.815	2.67	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.240	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.930	2.67	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.264	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*131 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*101 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*150 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*127 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*107 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*107 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*116 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*107 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*91.9 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*132 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*95.0 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*95.2 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*119 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*140 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*199 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*297 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*109 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*204 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*61.3 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*47.5 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*75.8 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*76.7 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*72.1 %*		*25-150*

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0441	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0267	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0267	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0267	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*62.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7260**		mg/kg dry	5.66	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.83	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**7.00**		mg/kg dry	1.70	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**222**		mg/kg dry	2.83	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.317**		mg/kg dry	0.057	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.623**		mg/kg dry	0.340	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3750**		mg/kg dry	5.66	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.8**		mg/kg dry	0.567	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.60**		mg/kg dry	0.452	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**42.9**		mg/kg dry	2.26	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**13100**		mg/kg dry	28.3	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**289**		mg/kg dry	0.567	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1620**		mg/kg dry	5.67	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**145**		mg/kg dry	0.567	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.0**		mg/kg dry	1.13	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**656**		mg/kg dry	5.67	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.571	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**393**		mg/kg dry	56.6	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.6**		mg/kg dry	1.13	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**230**		mg/kg dry	2.82	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.807**		mg/kg dry	0.0408	1	EPA 7473	08/23/2024 14:38	08/24/2024 16:29	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.679	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.8**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.679	1	EPA 9014/9010C	08/26/2024 14:40	08/26/2024 18:50	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**73.6**		%	0.100	1	SM 2540G	08/23/2024 11:33	08/23/2024 15:43	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE29_15** **York Sample ID:** **24H1562-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.12	0.24	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.026**		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.14**		mg/kg dry	0.012	0.024	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.012	0.024	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.012	0.024	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.012	0.024	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.018	0.037	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*114 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.579	1.16	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.579	1.16	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.180**	J	mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.430**		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.277**	J	mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.330**		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.4 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.7 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.7 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.9 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 13:18	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*77.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.388	0.619	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.185	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.367	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.626	0.640	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.602	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.584	0.651	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.661	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.668	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.693	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.570	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.437	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.360	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.518	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.679	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.381	1.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.511	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.542	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.668	0.675	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	2.08	2.66	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	2.64	2.69	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.381	2.80	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.486	1.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.675	1.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.217	1.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.336	1.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.549	0.658	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	2.08	2.62	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	2.13	2.80	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	1.09	2.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.860	2.62	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.609	2.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.591	0.679	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.434	0.672	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	2.22	3.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	7.34	17.5	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.25	17.5	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.14	7.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.630	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.44	7.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.693	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*142 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*103 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*153 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*134 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*122 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*103 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*46.3 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*148 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*99.6 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.3 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*110 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*134 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*178 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*260 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*126 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*217 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*72.4 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*65.0 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*76.1 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*82.8 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*78.8 %*		*25-150*

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.114	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0700	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0700	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0700	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*47.0 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6110**		mg/kg dry	14.6	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	7.32	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	4.39	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**23.0**		mg/kg dry	7.30	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.322**		mg/kg dry	0.147	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.878	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**9890**		mg/kg dry	14.6	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.6**		mg/kg dry	1.46	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.11**		mg/kg dry	1.17	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**18.8**		mg/kg dry	5.85	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**11300**		mg/kg dry	73.2	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**15.9**		mg/kg dry	1.46	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**5160**		mg/kg dry	14.6	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**492**		mg/kg dry	1.46	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**7.76**		mg/kg dry	2.91	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1340**		mg/kg dry	14.6	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	7.32	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	1.47	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**842**		mg/kg dry	146	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	7.32	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.3**		mg/kg dry	2.91	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**14.5**		mg/kg dry	7.29	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.117**		mg/kg dry	0.105	1	EPA 7473	08/23/2024 14:38	08/24/2024 16:29	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	1.76	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.6**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.76	1	EPA 9014/9010C	08/27/2024 07:42	08/27/2024 15:42	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**28.5**		%	0.100	1	SM 2540G	08/23/2024 11:33	08/23/2024 15:43	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.094	0.19	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.024**		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.11**		mg/kg dry	0.0094	0.019	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0094	0.019	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0094	0.019	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0094	0.019	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.014	0.028	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*109 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.360	0.720	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.360	0.720	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*83.6 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*77.5 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*84.1 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*96.5 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*121 %*	S-08		*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*96.4 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 13:35	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*66.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.240	0.382	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.114	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.227	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.386	0.395	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.371	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.361	0.402	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.408	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.412	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.427	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.352	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.270	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.222	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.320	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.419	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.235	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.315	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.335	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.412	0.417	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.28	1.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.63	1.66	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.235	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.300	0.769	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.417	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.134	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.207	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.339	0.406	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.28	1.62	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.31	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.671	1.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.531	1.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.376	1.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.365	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.268	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	1.37	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	4.53	10.8	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	3.24	10.8	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	1.32	4.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.389	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.50	4.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.427	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*110 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*94.4 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*133 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*108 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*98.3 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*96.4 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*100 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*84.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*38.5 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*122 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*85.6 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*86.6 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*96.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*119 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*190 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*267 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*90.5 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*195 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*58.6 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*49.8 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*57.6 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*68.8 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*63.0 %*		*25-150*

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0709	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0434	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0434	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0434	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*97.6 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**20900**		mg/kg dry	9.10	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	4.55	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**10.9**		mg/kg dry	2.73	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**324**		mg/kg dry	4.54	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.674**		mg/kg dry	0.092	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.637**		mg/kg dry	0.546	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**6770**		mg/kg dry	9.10	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**37.0**		mg/kg dry	0.911	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**10.3**		mg/kg dry	0.728	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**50.0**		mg/kg dry	3.64	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**31100**		mg/kg dry	45.5	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**145**		mg/kg dry	0.911	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2920**		mg/kg dry	9.11	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**189**		mg/kg dry	0.911	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**29.7**		mg/kg dry	1.81	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1160**		mg/kg dry	9.11	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	4.55	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.918	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**506**		mg/kg dry	91.0	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	4.55	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**44.9**		mg/kg dry	1.81	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**578**		mg/kg dry	4.53	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.563**		mg/kg dry	0.0655	1	EPA 7473	08/23/2024 14:38	08/24/2024 16:29	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	1.09	1	EPA 7196A	08/28/2024 14:45	08/28/2024 18:57	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**37.0**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.09	1	EPA 9014/9010C	08/27/2024 07:42	08/27/2024 15:42	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	45.8		%	0.100	1	SM 2540G	08/23/2024 11:33	08/23/2024 15:43	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE39_16** **York Sample ID:** **24H1562-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.031	0.061	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0015**	J	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.013**		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0026**	CCVE, J	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*112 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.215	0.431	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.215	0.431	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*82.7 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*77.6 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*91.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*104 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*93.4 %*			*24-116*						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM Certifications: NELAC-NY10854	08/27/2024 08:25	08/28/2024 13:53	SS

Surrogate Recoveries		Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*61.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.145	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0692	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.137	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.234	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.225	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.218	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.247	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.250	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.259	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.213	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.163	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.135	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.193	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.253	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.142	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.191	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.203	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.250	0.252	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.777	0.993	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.986	1.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.142	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.182	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.252	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0810	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.125	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.205	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.777	0.980	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.794	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.406	0.988	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.321	0.977	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.227	0.988	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.221	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.162	0.251	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.828	1.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.74	6.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.96	6.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.798	2.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.235	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.911	2.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.259	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*132 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*106 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*161 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*112 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*125 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*123 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*112 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*83.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*90.6 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*142 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*101 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*127 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*145 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*221 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*327 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*122 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*168 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*80.0 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*65.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*62.0 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*82.6 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*74.5 %*		*25-150*

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0426	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.5 %*	*30-140*

Herbicides, Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0261	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0261	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0261	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*75.6 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13300**		mg/kg dry	5.46	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.73	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.98**		mg/kg dry	1.64	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**16.0**		mg/kg dry	2.73	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.230**		mg/kg dry	0.055	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.328	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**759**		mg/kg dry	5.47	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.7**		mg/kg dry	0.547	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.37**		mg/kg dry	0.437	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**4.63**		mg/kg dry	2.19	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**5660**		mg/kg dry	27.3	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**12.1**		mg/kg dry	0.547	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1640**		mg/kg dry	5.47	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**39.7**		mg/kg dry	0.547	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**11.0**		mg/kg dry	1.09	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**800**		mg/kg dry	5.47	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.73	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.551	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**179**		mg/kg dry	54.7	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.73	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.6**		mg/kg dry	1.09	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**30.4**		mg/kg dry	2.72	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0394	1	EPA 7473	08/23/2024 14:38	08/24/2024 16:29	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.656	1	EPA 7196A	08/28/2024 14:45	08/28/2024 18:57	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.7**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.656	1	EPA 9014/9010C	08/27/2024 07:42	08/27/2024 15:42	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	76.2		%	0.100	1	SM 2540G	08/23/2024 11:33	08/23/2024 15:43	HLY
							Certifications: CTDOH-PH-0723			

Analytical Batch Summary

Batch ID: BH41474 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-02	TB_08222024	08/23/24
BH41474-BLK1	Blank	08/23/24
BH41474-BS1	LCS	08/23/24
BH41474-BSD1	LCS Dup	08/23/24

Batch ID: BH41572 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/23/24
24H1562-03	PE21_15	08/23/24
24H1562-04	PE29_15	08/23/24
24H1562-05	PE38_16	08/23/24
24H1562-06	PE39_16	08/23/24
BH41572-DUP1	Duplicate	08/23/24

Batch ID: BH41587 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-03	PE21_15	08/23/24
24H1562-03	PE21_15	08/23/24
24H1562-04	PE29_15	08/23/24
24H1562-04	PE29_15	08/23/24
24H1562-05	PE38_16	08/23/24
24H1562-05	PE38_16	08/23/24
24H1562-06	PE39_16	08/23/24
24H1562-06	PE39_16	08/23/24
BH41587-BLK1	Blank	08/23/24
BH41587-BLK2	Blank	08/23/24
BH41587-BS1	LCS	08/23/24
BH41587-BS2	LCS	08/23/24

Batch ID: BH41593 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-03	PE21_15	08/23/24
24H1562-04	PE29_15	08/23/24
24H1562-05	PE38_16	08/23/24
24H1562-06	PE39_16	08/23/24
BH41593-BLK1	Blank	08/23/24
BH41593-SRM1	Reference	08/23/24

Batch ID: BH41614 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/24/24
24H1562-01	DUP-1_08222024	08/24/24
BH41614-BLK1	Blank	08/24/24
BH41614-BLK2	Blank	08/24/24
BH41614-BS1	LCS	08/24/24
BH41614-BS2	LCS	08/24/24

Batch ID: BH41618 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-03	PE21_15	08/24/24
24H1562-04	PE29_15	08/24/24
24H1562-05	PE38_16	08/24/24
24H1562-06	PE39_16	08/24/24
BH41618-BLK1	Blank	08/24/24
BH41618-SRM1	Reference	08/24/24

Batch ID: BH41690 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/23/24
24H1562-03	PE21_15	08/23/24
24H1562-04	PE29_15	08/23/24
24H1562-05	PE38_16	08/23/24
24H1562-06	PE39_16	08/23/24
BH41690-BLK1	Blank	08/23/24
BH41690-BS1	LCS	08/23/24
BH41690-BSD1	LCS Dup	08/23/24

Batch ID: BH41697 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/26/24
BH41697-BLK1	Blank	08/26/24
BH41697-SRM1	Reference	08/26/24

Batch ID: BH41703 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/26/24
BH41703-BLK1	Blank	08/26/24
BH41703-SRM1	Reference	08/26/24

Batch ID: BH41705 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date

24H1562-01	DUP-1_08222024	08/26/24
24H1562-03	PE21_15	08/26/24
BH41705-BLK1	Blank	08/26/24
BH41705-SRM1	Reference	08/26/24

Batch ID: BH41748 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-04	PE29_15	08/27/24
24H1562-05	PE38_16	08/27/24
24H1562-06	PE39_16	08/27/24
BH41748-BLK1	Blank	08/27/24
BH41748-SRM1	Reference	08/27/24

Batch ID: BH41755 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/27/24
24H1562-03	PE21_15	08/27/24
24H1562-04	PE29_15	08/27/24
24H1562-05	PE38_16	08/27/24
24H1562-06	PE39_16	08/27/24
BH41755-BLK1	Blank	08/27/24
BH41755-BS1	LCS	08/27/24

Batch ID: BH41757 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/27/24
24H1562-03	PE21_15	08/27/24
24H1562-04	PE29_15	08/27/24
24H1562-05	PE38_16	08/27/24
24H1562-06	PE39_16	08/27/24
BH41757-BLK1	Blank	08/27/24
BH41757-BS1	LCS	08/27/24

Batch ID: BH41764 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/27/24
24H1562-03	PE21_15	08/27/24
24H1562-04	PE29_15	08/27/24
24H1562-05	PE38_16	08/27/24
24H1562-06	PE39_16	08/27/24
BH41764-BLK1	Blank	08/27/24
BH41764-BS1	LCS	08/27/24
BH41764-BS2	LCS	08/27/24

Batch ID: BH41781 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/27/24
24H1562-03	PE21_15	08/27/24
24H1562-04	PE29_15	08/27/24
24H1562-05	PE38_16	08/27/24
24H1562-06	PE39_16	08/27/24
BH41781-BLK1	Blank	08/27/24
BH41781-BS1	LCS	08/27/24

Batch ID: BH41875 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/28/24
24H1562-03	PE21_15	08/28/24
24H1562-04	PE29_15	08/28/24
BH41875-BLK1	Blank	08/28/24
BH41875-SRM1	Reference	08/28/24

Batch ID: BH41900 **Preparation Method:** EPA SW846-3060 **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-05	PE38_16	08/28/24
24H1562-06	PE39_16	08/28/24
BH41900-BLK1	Blank	08/28/24
BH41900-SRM1	Reference	08/28/24

Batch ID: BH41920 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/28/24
24H1562-03	PE21_15	08/28/24
24H1562-04	PE29_15	08/28/24
24H1562-05	PE38_16	08/28/24
24H1562-06	PE39_16	08/28/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41474 - EPA 5030B											
Blank (BH41474-BLK1) Blank									Prepared & Analyzed: 08/23/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41474 - EPA 5030B											
Blank (BH41474-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
n-Butylbenzene	ND	0.50	ug/L								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.71*		*"*	*10.0*		*97.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*79-122*				
LCS (BH41474-BS1) LCS								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		104	82-126				
1,1,1-Trichloroethane	10		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		115	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		106	54-165				
1,1,2-Trichloroethane	11		"	10.0		108	82-123				
1,1-Dichloroethane	10		"	10.0		102	82-129				
1,1-Dichloroethylene	11		"	10.0		114	68-138				
1,2,3-Trichlorobenzene	13		"	10.0		125	40-130				
1,2,3-Trichloropropane	9.8		"	10.0		97.6	77-128				
1,2,4-Trichlorobenzene	12		"	10.0		120	65-137				
1,2,4-Trimethylbenzene	10		"	10.0		103	82-132				
1,2-Dibromo-3-chloropropane	10		"	10.0		102	45-147				
1,2-Dibromoethane	11		"	10.0		112	83-124				
1,2-Dichlorobenzene	11		"	10.0		106	79-123				
1,2-Dichloroethane	11		"	10.0		113	73-132				
1,2-Dichloropropane	10		"	10.0		101	78-126				
1,3,5-Trimethylbenzene	10		"	10.0		101	80-131				
1,3-Dichlorobenzene	10		"	10.0		102	86-130				
1,4-Dichlorobenzene	10		"	10.0		100	85-130				
1,4-Dioxane	200		"	210		95.7	10-349				
2-Butanone	7.7		"	10.0		77.0	49-152				
2-Hexanone	10		"	10.0		99.5	51-146				
4-Methyl-2-pentanone	10		"	10.0		104	57-145				
Acetone	25		"	10.0		250	14-150	High Bias			
Acrolein	0.65		"	10.0		6.50	10-153	Low Bias			
Acrylonitrile	11		"	10.0		109	51-150				
Benzene	11		"	10.0		107	85-126				
Bromochloromethane	11		"	10.0		108	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41474 - EPA 5030B											
LCS (BH41474-BS1) LCS							Prepared & Analyzed: 08/23/2024				
Bromodichloromethane	10		ug/L	10.0		104	79-128				
Bromoform	10		"	10.0		100	78-133				
Bromomethane	6.3		"	10.0		63.2	43-168				
Carbon disulfide	12		"	10.0		117	68-146				
Carbon tetrachloride	11		"	10.0		108	77-141				
Chlorobenzene	10		"	10.0		102	88-120				
Chloroethane	10		"	10.0		99.5	65-136				
Chloroform	10		"	10.0		103	82-128				
Chloromethane	8.2		"	10.0		82.1	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		102	83-129				
cis-1,3-Dichloropropylene	10		"	10.0		103	80-131				
Cyclohexane	10		"	10.0		104	63-149				
Dibromochloromethane	11		"	10.0		110	80-130				
Dibromomethane	11		"	10.0		106	72-134				
Dichlorodifluoromethane	11		"	10.0		107	44-144				
Ethyl Benzene	10		"	10.0		102	80-131				
Hexachlorobutadiene	11		"	10.0		109	67-146				
Isopropylbenzene	9.4		"	10.0		94.3	76-140				
Methyl acetate	13		"	10.0		129	51-139				
Methyl tert-butyl ether (MTBE)	12		"	10.0		118	76-135				
Methylcyclohexane	10		"	10.0		102	72-143				
Methylene chloride	9.8		"	10.0		97.9	55-137				
n-Butylbenzene	11		"	10.0		108	79-132				
n-Propylbenzene	9.6		"	10.0		95.9	78-133				
o-Xylene	10		"	10.0		104	78-130				
p- & m- Xylenes	20		"	20.0		102	77-133				
p-Isopropyltoluene	10		"	10.0		103	81-136				
sec-Butylbenzene	10		"	10.0		99.6	79-137				
Styrene	11		"	10.0		109	67-132				
tert-Butyl alcohol (TBA)	55		"	50.0		110	25-162				
tert-Butylbenzene	9.6		"	10.0		95.6	77-138				
Tetrachloroethylene	5.6		"	10.0		56.0	82-131	Low Bias			
Toluene	10		"	10.0		102	80-127				
trans-1,2-Dichloroethylene	10		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	11		"	10.0		108	78-131				
trans-1,4-dichloro-2-butene	11		"	10.0		111	63-141				
Trichloroethylene	9.6		"	10.0		96.0	82-128				
Trichlorofluoromethane	11		"	10.0		106	67-139				
Vinyl Chloride	11		"	10.0		105	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.53*		*"*	*10.0*		*95.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.29*		*"*	*10.0*		*92.9*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41474 - EPA 5030B											
LCS Dup (BH41474-BSD1) LCS Dup								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	9.6		ug/L	10.0		95.6	82-126		8.61	30	
1,1,1-Trichloroethane	9.2		"	10.0		91.9	78-136		12.4	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		109	76-129		5.37	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.1		"	10.0		91.3	54-165		15.4	30	
1,1,2-Trichloroethane	10		"	10.0		101	82-123		6.78	30	
1,1-Dichloroethane	9.0		"	10.0		90.0	82-129		12.0	30	
1,1-Dichloroethylene	9.9		"	10.0		99.4	68-138		13.9	30	
1,2,3-Trichlorobenzene	13		"	10.0		133	40-130	High Bias	5.73	30	
1,2,3-Trichloropropane	9.7		"	10.0		97.3	77-128		0.308	30	
1,2,4-Trichlorobenzene	12		"	10.0		119	65-137		0.419	30	
1,2,4-Trimethylbenzene	9.3		"	10.0		93.4	82-132		9.58	30	
1,2-Dibromo-3-chloropropane	10		"	10.0		104	45-147		2.05	30	
1,2-Dibromoethane	10		"	10.0		104	83-124		7.20	30	
1,2-Dichlorobenzene	10		"	10.0		99.7	79-123		6.22	30	
1,2-Dichloroethane	10		"	10.0		103	73-132		8.97	30	
1,2-Dichloropropane	9.2		"	10.0		91.9	78-126		9.34	30	
1,3,5-Trimethylbenzene	9.1		"	10.0		91.4	80-131		9.58	30	
1,3-Dichlorobenzene	9.4		"	10.0		93.7	86-130		8.87	30	
1,4-Dichlorobenzene	9.3		"	10.0		92.9	85-130		7.36	30	
1,4-Dioxane	98		"	210		46.8	10-349		68.7	30	Non-dir.
2-Butanone	9.5		"	10.0		95.3	49-152		21.2	30	
2-Hexanone	9.7		"	10.0		96.9	51-146		2.65	30	
4-Methyl-2-pentanone	10		"	10.0		101	57-145		3.12	30	
Acetone	25		"	10.0		245	14-150	High Bias	1.94	30	
Acrolein	1.1		"	10.0		10.8	10-153		49.7	30	Non-dir.
Acrylonitrile	9.6		"	10.0		95.6	51-150		13.5	30	
Benzene	9.6		"	10.0		95.8	85-126		10.7	30	
Bromochloromethane	9.9		"	10.0		99.3	77-128		8.39	30	
Bromodichloromethane	9.6		"	10.0		95.5	79-128		8.33	30	
Bromoform	9.7		"	10.0		96.7	78-133		3.85	30	
Bromomethane	6.2		"	10.0		61.8	43-168		2.24	30	
Carbon disulfide	10		"	10.0		102	68-146		14.1	30	
Carbon tetrachloride	9.4		"	10.0		94.2	77-141		13.6	30	
Chlorobenzene	9.2		"	10.0		92.0	88-120		10.2	30	
Chloroethane	8.9		"	10.0		88.6	65-136		11.6	30	
Chloroform	9.4		"	10.0		94.4	82-128		8.52	30	
Chloromethane	7.4		"	10.0		74.2	43-155		10.1	30	
cis-1,2-Dichloroethylene	9.4		"	10.0		93.5	83-129		8.89	30	
cis-1,3-Dichloropropylene	9.4		"	10.0		94.5	80-131		8.41	30	
Cyclohexane	9.2		"	10.0		91.5	63-149		13.0	30	
Dibromochloromethane	10		"	10.0		103	80-130		6.75	30	
Dibromomethane	10		"	10.0		100	72-134		5.54	30	
Dichlorodifluoromethane	9.4		"	10.0		94.3	44-144		12.6	30	
Ethyl Benzene	9.2		"	10.0		91.6	80-131		10.5	30	
Hexachlorobutadiene	9.9		"	10.0		99.0	67-146		9.71	30	
Isopropylbenzene	8.5		"	10.0		85.2	76-140		10.1	30	
Methyl acetate	12		"	10.0		120	51-139		6.82	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		114	76-135		3.70	30	
Methylcyclohexane	9.0		"	10.0		90.0	72-143		12.4	30	
Methylene chloride	8.9		"	10.0		88.7	55-137		9.86	30	
n-Butylbenzene	9.6		"	10.0		96.3	79-132		11.3	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41474 - EPA 5030B											
LCS Dup (BH41474-BSD1) LCS Dup								Prepared & Analyzed: 08/23/2024			
n-Propylbenzene	8.6		ug/L	10.0		85.5	78-133		11.5	30	
o-Xylene	9.4		"	10.0		94.4	78-130		9.87	30	
p- & m- Xylenes	18		"	20.0		92.0	77-133		10.1	30	
p-Isopropyltoluene	9.2		"	10.0		92.0	81-136		11.6	30	
sec-Butylbenzene	8.9		"	10.0		88.6	79-137		11.7	30	
Styrene	9.9		"	10.0		99.0	67-132		9.34	30	
tert-Butyl alcohol (TBA)	27		"	50.0		54.2	25-162		67.7	30	Non-dir.
tert-Butylbenzene	8.6		"	10.0		86.1	77-138		10.5	30	
Tetrachloroethylene	5.0		"	10.0		49.8	82-131	Low Bias	11.7	30	
Toluene	9.2		"	10.0		91.6	80-127		10.8	30	
trans-1,2-Dichloroethylene	9.3		"	10.0		92.8	80-132		11.3	30	
trans-1,3-Dichloropropylene	10		"	10.0		102	78-131		6.08	30	
trans-1,4-dichloro-2-butene	10		"	10.0		105	63-141		5.58	30	
Trichloroethylene	8.5		"	10.0		84.9	82-128		12.3	30	
Trichlorofluoromethane	9.1		"	10.0		91.3	67-139		15.4	30	
Vinyl Chloride	9.2		"	10.0		92.5	58-145		12.8	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.68*		*"*	*10.0*		*96.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.47*		*"*	*10.0*		*94.7*	*79-122*				
Batch BH41690 - EPA 5035A											
Blank (BH41690-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
Blank (BH41690-BLK1) Blank									Prepared & Analyzed: 08/23/2024		
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.1*		*ug/L*	*50.0*		*98.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.8*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
LCS (BH41690-BS1) LCS							Prepared & Analyzed: 08/23/2024				
1,1,1,2-Tetrachloroethane	45		ug/L	50.0		89.6	75-129				
1,1,1-Trichloroethane	43		"	50.0		85.8	71-137				
1,1,2,2-Tetrachloroethane	42		"	50.0		83.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		"	50.0		86.6	58-146				
1,1,2-Trichloroethane	44		"	50.0		88.6	83-123				
1,1-Dichloroethane	43		"	50.0		85.7	75-130				
1,1-Dichloroethylene	40		"	50.0		79.8	64-137				
1,2,3-Trichlorobenzene	43		"	50.0		85.3	81-140				
1,2,3-Trichloropropane	42		"	50.0		85.0	81-126				
1,2,4-Trichlorobenzene	44		"	50.0		87.7	80-141				
1,2,4-Trimethylbenzene	45		"	50.0		90.6	84-125				
1,2-Dibromo-3-chloropropane	37		"	50.0		75.0	74-142				
1,2-Dibromoethane	43		"	50.0		86.4	86-123				
1,2-Dichlorobenzene	44		"	50.0		88.0	85-122				
1,2-Dichloroethane	42		"	50.0		84.1	71-133				
1,2-Dichloropropane	41		"	50.0		82.6	81-122				
1,3,5-Trimethylbenzene	44		"	50.0		88.5	82-126				
1,3-Dichlorobenzene	45		"	50.0		89.2	84-124				
1,4-Dichlorobenzene	45		"	50.0		89.6	84-124				
1,4-Dioxane	840		"	1050		80.4	10-228				
2-Butanone	41		"	50.0		82.6	58-147				
2-Hexanone	38		"	50.0		76.8	70-139				
4-Methyl-2-pentanone	40		"	50.0		79.5	72-132				
Acetone	35		"	50.0		70.5	36-155				
Acrolein	5.3		"	50.0		10.7	10-238				
Acrylonitrile	50		"	50.0		99.2	66-141				
Benzene	44		"	50.0		88.1	77-127				
Bromochloromethane	44		"	50.0		88.2	74-129				
Bromodichloromethane	43		"	50.0		86.5	81-124				
Bromoform	42		"	50.0		84.4	80-136				
Bromomethane	38		"	50.0		75.7	32-177				
Carbon disulfide	42		"	50.0		84.6	10-136				
Carbon tetrachloride	45		"	50.0		89.2	66-143				
Chlorobenzene	44		"	50.0		87.2	86-120				
Chloroethane	37		"	50.0		74.6	51-142				
Chloroform	44		"	50.0		88.1	76-131				
Chloromethane	29		"	50.0		58.0	49-132				
cis-1,2-Dichloroethylene	40		"	50.0		79.9	74-132				
cis-1,3-Dichloropropylene	42		"	50.0		84.7	81-129				
Cyclohexane	42		"	50.0		83.2	70-130				
Dibromochloromethane	44		"	50.0		88.0	10-200				
Dibromomethane	44		"	50.0		87.1	83-124				
Dichlorodifluoromethane	20		"	50.0		40.4	28-158				
Ethyl Benzene	45		"	50.0		90.4	84-125				
Hexachlorobutadiene	42		"	50.0		84.7	83-133				
Isopropylbenzene	45		"	50.0		90.2	81-127				
Methyl acetate	39		"	50.0		77.1	41-143				
Methyl tert-butyl ether (MTBE)	41		"	50.0		81.1	74-131				
Methylcyclohexane	40		"	50.0		79.1	70-130				
Methylene chloride	43		"	50.0		85.1	57-141				
n-Butylbenzene	47		"	50.0		93.3	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
LCS (BH41690-BS1) LCS								Prepared & Analyzed: 08/23/2024			
n-Propylbenzene	44		ug/L	50.0		89.0	74-136				
o-Xylene	43		"	50.0		86.5	83-123				
p- & m- Xylenes	86		"	100		85.7	82-128				
p-Isopropyltoluene	47		"	50.0		93.2	85-125				
sec-Butylbenzene	44		"	50.0		88.1	83-125				
Styrene	47		"	50.0		93.3	86-126				
tert-Butyl alcohol (TBA)	120		"	250		46.6	70-130	Low Bias			
tert-Butylbenzene	44		"	50.0		88.8	80-127				
Tetrachloroethylene	43		"	50.0		85.5	80-129				
Toluene	43		"	50.0		86.6	85-121				
trans-1,2-Dichloroethylene	42		"	50.0		83.8	72-132				
trans-1,3-Dichloropropylene	42		"	50.0		84.3	78-132				
trans-1,4-dichloro-2-butene	43		"	50.0		85.2	75-135				
Trichloroethylene	46		"	50.0		92.0	84-123				
Trichlorofluoromethane	38		"	50.0		76.1	62-140				
Vinyl Chloride	33		"	50.0		66.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.3*	*76-130*				
LCS Dup (BH41690-BSD1) LCS Dup								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	45		ug/L	50.0		90.6	75-129		1.07	30	
1,1,1-Trichloroethane	40		"	50.0		80.3	71-137		6.60	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		98.0	79-129		16.4	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41		"	50.0		82.3	58-146		5.02	30	
1,1,2-Trichloroethane	46		"	50.0		91.2	83-123		2.94	30	
1,1-Dichloroethane	39		"	50.0		78.7	75-130		8.49	30	
1,1-Dichloroethylene	37		"	50.0		74.6	64-137		6.71	30	
1,2,3-Trichlorobenzene	48		"	50.0		96.8	81-140		12.6	30	
1,2,3-Trichloropropane	50		"	50.0		100	81-126		16.3	30	
1,2,4-Trichlorobenzene	49		"	50.0		98.1	80-141		11.2	30	
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125		11.9	30	
1,2-Dibromo-3-chloropropane	47		"	50.0		94.2	74-142		22.7	30	
1,2-Dibromoethane	45		"	50.0		89.5	86-123		3.53	30	
1,2-Dichlorobenzene	48		"	50.0		96.2	85-122		8.95	30	
1,2-Dichloroethane	42		"	50.0		83.1	71-133		1.17	30	
1,2-Dichloropropane	45		"	50.0		89.6	81-122		8.17	30	
1,3,5-Trimethylbenzene	50		"	50.0		99.9	82-126		12.1	30	
1,3-Dichlorobenzene	49		"	50.0		98.6	84-124		9.99	30	
1,4-Dichlorobenzene	50		"	50.0		101	84-124		11.9	30	
1,4-Dioxane	1000		"	1050		98.9	10-228		20.6	30	
2-Butanone	47		"	50.0		94.0	58-147		13.0	30	
2-Hexanone	44		"	50.0		88.4	70-139		14.0	30	
4-Methyl-2-pentanone	46		"	50.0		91.8	72-132		14.3	30	
Acetone	37		"	50.0		74.0	36-155		4.90	30	
Acrolein	7.4		"	50.0		14.8	10-238		32.6	30	Non-dir.
Acrylonitrile	52		"	50.0		105	66-141		5.53	30	
Benzene	42		"	50.0		84.4	77-127		4.27	30	
Bromochloromethane	44		"	50.0		88.4	74-129		0.204	30	
Bromodichloromethane	46		"	50.0		91.5	81-124		5.62	30	
Bromoform	46		"	50.0		91.2	80-136		7.72	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
LCS Dup (BH41690-BSD1) LCS Dup								Prepared & Analyzed: 08/23/2024			
Bromomethane	38		ug/L	50.0		75.6	32-177		0.212	30	
Carbon disulfide	40		"	50.0		79.2	10-136		6.52	30	
Carbon tetrachloride	43		"	50.0		85.7	66-143		4.03	30	
Chlorobenzene	45		"	50.0		90.0	86-120		3.18	30	
Chloroethane	37		"	50.0		74.2	51-142		0.565	30	
Chloroform	42		"	50.0		83.9	76-131		4.86	30	
Chloromethane	26		"	50.0		52.7	49-132		9.50	30	
cis-1,2-Dichloroethylene	44		"	50.0		88.9	74-132		10.7	30	
cis-1,3-Dichloropropylene	43		"	50.0		85.6	81-129		0.963	30	
Cyclohexane	38		"	50.0		76.7	70-130		8.11	30	
Dibromochloromethane	47		"	50.0		93.8	10-200		6.42	30	
Dibromomethane	45		"	50.0		90.3	83-124		3.63	30	
Dichlorodifluoromethane	18		"	50.0		36.9	28-158		8.96	30	
Ethyl Benzene	48		"	50.0		96.4	84-125		6.43	30	
Hexachlorobutadiene	47		"	50.0		93.3	83-133		9.64	30	
Isopropylbenzene	50		"	50.0		99.9	81-127		10.2	30	
Methyl acetate	37		"	50.0		75.0	41-143		2.76	30	
Methyl tert-butyl ether (MTBE)	38		"	50.0		76.7	74-131		5.65	30	
Methylcyclohexane	41		"	50.0		82.1	70-130		3.77	30	
Methylene chloride	39		"	50.0		78.5	57-141		8.12	30	
n-Butylbenzene	51		"	50.0		102	80-130		9.15	30	
n-Propylbenzene	49		"	50.0		97.4	74-136		9.03	30	
o-Xylene	46		"	50.0		91.3	83-123		5.31	30	
p- & m- Xylenes	90		"	100		90.2	82-128		5.16	30	
p-Isopropyltoluene	51		"	50.0		102	85-125		8.48	30	
sec-Butylbenzene	49		"	50.0		98.6	83-125		11.2	30	
Styrene	50		"	50.0		99.2	86-126		6.09	30	
tert-Butyl alcohol (TBA)	120		"	250		48.5	70-130	Low Bias	4.00	30	
tert-Butylbenzene	49		"	50.0		98.0	80-127		9.92	30	
Tetrachloroethylene	42		"	50.0		83.8	80-129		2.08	30	
Toluene	45		"	50.0		90.6	85-121		4.51	30	
trans-1,2-Dichloroethylene	38		"	50.0		75.8	72-132		10.1	30	
trans-1,3-Dichloropropylene	44		"	50.0		87.6	78-132		3.82	30	
trans-1,4-dichloro-2-butene	47		"	50.0		94.9	75-135		10.8	30	
Trichloroethylene	46		"	50.0		91.9	84-123		0.152	30	
Trichlorofluoromethane	36		"	50.0		71.6	62-140		6.07	30	
Vinyl Chloride	31		"	50.0		61.1	52-130		8.62	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.7*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.8*		*"*	*50.0*		*95.6*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41781 - EPA 3550C											
Blank (BH41781-BLK1) Blank									Prepared: 08/27/2024 Analyzed: 08/28/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41781 - EPA 3550C											
Blank (BH41781-BLK1) Blank									Prepared: 08/27/2024 Analyzed: 08/28/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.04*		"	*1.66*		*62.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.905*		"	*1.66*		*54.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.609*		"	*0.831*		*73.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.522*		"	*0.831*		*62.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.964*		"	*1.66*		*58.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.551*		"	*0.831*		*66.4*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41781 - EPA 3550C											
LCS (BH41781-BS1) LCS									Prepared: 08/27/2024 Analyzed: 08/28/2024		
1,1-Biphenyl	0.488	0.0416	mg/kg wet	0.831		58.8	18-111				
1,2,4,5-Tetrachlorobenzene	0.464	0.0830	"	0.831		55.9	21-131				
1,2,4-Trichlorobenzene	0.477	0.0416	"	0.831		57.4	10-140				
1,2-Dichlorobenzene	0.436	0.0416	"	0.831		52.4	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.487	0.0416	"	0.831		58.6	17-137				
1,3-Dichlorobenzene	0.457	0.0416	"	0.831		55.1	33-110				
1,4-Dichlorobenzene	0.470	0.0416	"	0.831		56.6	32-104				
2,3,4,6-Tetrachlorophenol	0.562	0.0830	"	0.831		67.7	30-130				
2,4,5-Trichlorophenol	0.529	0.0416	"	0.831		63.7	27-118				
2,4,6-Trichlorophenol	0.493	0.0416	"	0.831		59.3	31-120				
2,4-Dichlorophenol	0.491	0.0416	"	0.831		59.1	20-127				
2,4-Dimethylphenol	0.495	0.0416	"	0.831		59.6	14-132				
2,4-Dinitrophenol	0.319	0.0830	"	0.831		38.4	10-171				
2,4-Dinitrotoluene	0.591	0.0416	"	0.831		71.2	34-131				
2,6-Dinitrotoluene	0.589	0.0416	"	0.831		70.9	31-128				
2-Chloronaphthalene	0.483	0.0416	"	0.831		58.2	31-117				
2-Chlorophenol	0.492	0.0416	"	0.831		59.2	33-113				
2-Methylnaphthalene	0.464	0.0416	"	0.831		55.8	12-138				
2-Methylphenol	0.472	0.0416	"	0.831		56.8	10-136				
2-Nitroaniline	0.594	0.0830	"	0.831		71.5	27-132				
2-Nitrophenol	0.561	0.0416	"	0.831		67.6	17-129				
3- & 4-Methylphenols	0.393	0.0416	"	0.831		47.3	29-103				
3,3-Dichlorobenzidine	0.430	0.0416	"	0.831		51.7	22-149				
3-Nitroaniline	0.494	0.0830	"	0.831		59.5	20-133				
4,6-Dinitro-2-methylphenol	0.424	0.0830	"	0.831		51.1	10-143				
4-Bromophenyl phenyl ether	0.461	0.0416	"	0.831		55.5	29-120				
4-Chloro-3-methylphenol	0.519	0.0416	"	0.831		62.5	24-129				
4-Chloroaniline	0.378	0.0416	"	0.831		45.5	10-132				
4-Chlorophenyl phenyl ether	0.461	0.0416	"	0.831		55.6	27-124				
4-Nitroaniline	0.500	0.0830	"	0.831		60.2	16-128				
4-Nitrophenol	0.466	0.0830	"	0.831		56.1	10-141				
Acenaphthene	0.455	0.0416	"	0.831		54.8	30-121				
Acenaphthylene	0.453	0.0416	"	0.831		54.6	30-115				
Acetophenone	0.463	0.0416	"	0.831		55.7	20-112				
Aniline	0.338	0.166	"	0.831		40.7	10-119				
Anthracene	0.499	0.0416	"	0.831		60.0	34-118				
Atrazine	0.534	0.0416	"	0.831		64.3	26-112				
Benzaldehyde	0.360	0.0416	"	0.831		43.3	21-100				
Benzo(a)anthracene	0.472	0.0416	"	0.831		56.8	32-122				
Benzo(a)pyrene	0.455	0.0416	"	0.831		54.8	29-133				
Benzo(b)fluoranthene	0.478	0.0416	"	0.831		57.5	25-133				
Benzo(g,h,i)perylene	0.502	0.0416	"	0.831		60.4	10-143				
Benzo(k)fluoranthene	0.429	0.0416	"	0.831		51.7	25-128				
Benzoic acid	0.235	0.0416	"	0.831		28.3	10-140				
Benzyl alcohol	0.453	0.0416	"	0.831		54.6	30-115				
Benzyl butyl phthalate	0.528	0.0416	"	0.831		63.6	26-126				
Bis(2-chloroethoxy)methane	0.446	0.0416	"	0.831		53.7	19-132				
Bis(2-chloroethyl)ether	0.437	0.0416	"	0.831		52.6	19-125				
Bis(2-chloroisopropyl)ether	0.407	0.0416	"	0.831		49.0	20-135				
Bis(2-ethylhexyl)phthalate	0.530	0.0416	"	0.831		63.8	10-155				
Caprolactam	0.494	0.0830	"	0.831		59.5	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41781 - EPA 3550C											
LCS (BH41781-BS1) LCS									Prepared: 08/27/2024 Analyzed: 08/28/2024		
Carbazole	0.486	0.0416	mg/kg wet	0.831		58.6	35-123				
Chrysene	0.442	0.0416	"	0.831		53.2	32-123				
Dibenzo(a,h)anthracene	0.504	0.0416	"	0.831		60.7	10-136				
Dibenzofuran	0.475	0.0416	"	0.831		57.2	29-121				
Diethyl phthalate	0.491	0.0416	"	0.831		59.1	34-116				
Dimethyl phthalate	0.486	0.0416	"	0.831		58.5	35-124				
Di-n-butyl phthalate	0.523	0.0416	"	0.831		63.0	31-116				
Di-n-octyl phthalate	0.551	0.0416	"	0.831		66.4	26-136				
Diphenylamine	0.487	0.0830	"	0.831		58.6	40-140				
Fluoranthene	0.479	0.0416	"	0.831		57.7	33-122				
Fluorene	0.472	0.0416	"	0.831		56.8	29-123				
Hexachlorobenzene	0.548	0.0416	"	0.831		66.0	21-124				
Hexachlorobutadiene	0.471	0.0416	"	0.831		56.8	10-149				
Hexachlorocyclopentadiene	0.189	0.0416	"	0.831		22.8	10-129				
Hexachloroethane	0.460	0.0416	"	0.831		55.4	28-108				
Indeno(1,2,3-cd)pyrene	0.651	0.0416	"	0.831		78.4	10-135				
Isophorone	0.488	0.0416	"	0.831		58.8	20-132				
Naphthalene	0.474	0.0416	"	0.831		57.1	23-124				
Nitrobenzene	0.551	0.0416	"	0.831		66.4	13-132				
N-Nitrosodimethylamine	0.461	0.0416	"	0.831		55.6	11-129				
N-nitroso-di-n-propylamine	0.429	0.0416	"	0.831		51.6	24-119				
N-Nitrosodiphenylamine	0.472	0.0416	"	0.831		56.8	22-152				
Pentachlorophenol	0.155	0.0416	"	0.831		18.7	10-139				
Phenanthrene	0.494	0.0416	"	0.831		59.5	33-123				
Phenol	0.481	0.0416	"	0.831		57.9	23-115				
Pyrene	0.490	0.0416	"	0.831		59.0	32-130				
Surrogate: SURR: 2-Fluorophenol	*1.03*		"	*1.66*		*62.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.931*		"	*1.66*		*56.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.625*		"	*0.831*		*75.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.514*		"	*0.831*		*61.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.962*		"	*1.66*		*57.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.540*		"	*0.831*		*65.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41757 - EPA 3550C											
Blank (BH41757-BLK1) Blank								Prepared & Analyzed: 08/27/2024			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*292*		*"*	*495*		*59.0*	*39-127.5*				
LCS (BH41757-BS1) LCS								Prepared & Analyzed: 08/27/2024			
1,4-Dioxane	486	19.8	ug/kg	495		98.2	40-130				
Surrogate: 1,4-Dioxane-d8	*321*		*"*	*495*		*64.8*	*39-127.5*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
Blank (BH41764-BLK1) Blank									Prepared: 08/27/2024 Analyzed: 08/29/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.181	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.184	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.395	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.751	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.759	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.791	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.352	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.395	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.395	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.395	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.186	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.741	"								
HFPO-DA (Gen-X)	ND	0.791	"								
11CL-PF3OUdS	ND	0.747	"								
9CL-PF3ONS	ND	0.739	"								
ADONA	ND	0.747	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.988	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.94	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.94	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*3.70*		"	*2.30*		*161*	*25-150*				
Surrogate: M5PFHxA	*2.97*		"	*2.47*		*120*	*25-150*				
Surrogate: M4PFHpA	*4.28*		"	*2.47*		*173*	*25-150*				
Surrogate: M3PFHxS	*3.00*		"	*2.34*		*128*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.09*		"	*2.47*		*125*	*25-150*				
Surrogate: M6PFDA	*1.49*		"	*1.24*		*121*	*25-150*				
Surrogate: M7PFUdA	*1.39*		"	*1.24*		*113*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.23*		"	*1.24*		*99.7*	*25-150*				
Surrogate: M2PFTeDA	*1.12*		"	*1.24*		*90.7*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
Blank (BH41764-BLK1) Blank								Prepared: 08/27/2024 Analyzed: 08/29/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.180*		*ug/kg wet*	*9.88*		*1.82*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.62*		*"*	*2.37*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.74*		*"*	*4.94*		*95.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.52*		*"*	*2.47*		*102*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.45*		*"*	*4.94*		*110*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.88*		*"*	*4.94*		*119*	*25-150*				
Surrogate: M2-6:2 FTS	*4.83*		*"*	*4.70*		*103*	*25-200*				
Surrogate: M2-8:2 FTS	*5.04*		*"*	*4.74*		*106*	*25-200*				
Surrogate: M9PFNA	*1.41*		*"*	*1.24*		*114*	*25-150*				
Surrogate: M2-4:2 FTS	*5.79*		*"*	*4.63*		*125*	*25-150*				
Surrogate: d-N-MeFOSA	*1.91*		*"*	*2.47*		*77.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.72*		*"*	*2.47*		*69.5*	*25-150*				
Surrogate: M3HFPO-DA	*9.76*		*"*	*9.88*		*98.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*21.2*		*"*	*24.7*		*85.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.6*		*"*	*24.7*		*83.5*	*25-150*				
LCS (BH41764-BS1) LCS								Prepared: 08/27/2024 Analyzed: 08/29/2024			
Perfluorobutanesulfonic acid (PFBS)	3.48	0.175	ug/kg wet	3.49		99.8	50-150				
Perfluorohexanoic acid (PFHxA)	4.04	0.197	"	3.94		102	50-150				
Perfluoroheptanoic acid (PFHpA)	3.38	0.197	"	3.94		85.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.85	0.180	"	3.61		107	50-150				
Perfluorooctanoic acid (PFOA)	4.11	0.197	"	3.94		104	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.04	0.183	"	3.67		110	50-150				
Perfluorononanoic acid (PFNA)	4.31	0.197	"	3.94		109	50-150				
Perfluorodecanoic acid (PFDA)	4.44	0.197	"	3.94		113	50-150				
Perfluoroundecanoic acid (PFUnA)	4.36	0.197	"	3.94		111	50-150				
Perfluorododecanoic acid (PFDoA)	3.63	0.197	"	3.94		92.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.61	0.197	"	3.94		117	50-150				
Perfluorotetradecanoic acid (PFTA)	3.87	0.197	"	3.94		98.2	50-150				
N-MeFOSAA	4.15	0.197	"	3.94		105	50-150				
N-EtFOSAA	3.86	0.197	"	3.94		97.8	50-150				
Perfluoropentanoic acid (PFPeA)	8.29	0.394	"	7.89		105	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.55	0.197	"	3.94		89.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.02	0.197	"	3.77		107	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.80	0.190	"	3.81		99.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.1	0.750	"	15.0		101	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.6	0.757	"	15.1		103	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.0	0.789	"	15.8		94.8	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.50	0.351	"	7.02		107	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	10.4	0.394	"	7.89		132	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.784	0.394	"	7.89		9.94	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	9.41	0.394	"	7.89		119	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.05	0.185	"	3.71		109	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.2	0.740	"	14.8		103	50-150				
HFPO-DA (Gen-X)	10.1	0.789	"	7.89		128	50-150				
11CL-PF3OUdS	5.51	0.746	"	7.46		73.9	50-150				
9CL-PF3ONS	6.96	0.738	"	7.38		94.4	50-150				
ADONA	8.54	0.746	"	7.46		115	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
LCS (BH41764-BS1) LCS									Prepared: 08/27/2024 Analyzed: 08/29/2024		
Perfluorododecanesulfonic acid (PFDoS)	2.54	0.191	ug/kg wet	3.83		66.4	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.74	0.189	"	3.79		125	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	9.46	0.986	"	15.8		60.0	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	69.7	4.93	"	78.9		88.4	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	70.2	4.93	"	78.9		89.0	50-150				
N-MeFOSE	40.5	1.97	"	39.4		103	50-150				
N-MeFOSA	3.78	0.197	"	3.94		95.7	50-150				
N-EtFOSE	38.5	1.97	"	39.4		97.6	50-150				
N-EtFOSA	5.07	0.197	"	3.94		129	50-150				
Surrogate: M3PFBS	*3.57*		"	*2.30*		*155*	*25-150*				
Surrogate: M5PFHxA	*2.81*		"	*2.47*		*114*	*25-150*				
Surrogate: M4PFHpA	*3.85*		"	*2.47*		*156*	*25-150*				
Surrogate: M3PFHxS	*3.14*		"	*2.34*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.03*		"	*2.47*		*123*	*25-150*				
Surrogate: M6PFDA	*1.45*		"	*1.23*		*117*	*25-150*				
Surrogate: M7PFUdA	*1.31*		"	*1.23*		*106*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.15*		"	*1.23*		*93.2*	*25-150*				
Surrogate: M2PFTeDA	*0.945*		"	*1.23*		*76.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.295*		"	*9.86*		*2.99*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.33*		"	*2.36*		*98.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.53*		"	*4.93*		*91.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.43*		"	*2.47*		*98.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.55*		"	*4.93*		*113*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.23*		"	*4.93*		*106*	*25-150*				
Surrogate: M2-6:2 FTS	*6.07*		"	*4.69*		*129*	*25-200*				
Surrogate: M2-8:2 FTS	*6.21*		"	*4.73*		*131*	*25-200*				
Surrogate: M9PFNA	*1.41*		"	*1.23*		*115*	*25-150*				
Surrogate: M2-4:2 FTS	*7.19*		"	*4.63*		*155*	*25-150*				
Surrogate: d-N-MeFOSA	*2.37*		"	*2.47*		*96.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.79*		"	*2.47*		*72.8*	*25-150*				
Surrogate: M3HFPO-DA	*8.75*		"	*9.86*		*88.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.9*		"	*24.7*		*76.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.6*		"	*24.7*		*75.6*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
LCS (BH41764-BS2) LCS								Prepared: 08/27/2024 Analyzed: 08/29/2024			
Perfluorobutanesulfonic acid (PFBS)	0.696	0.177	ug/kg wet	0.708		98.3	50-150				
Perfluorohexanoic acid (PFHxA)	0.742	0.200	"	0.800		92.7	50-150				
Perfluoroheptanoic acid (PFHpA)	0.591	0.200	"	0.800		73.9	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.820	0.183	"	0.732		112	50-150				
Perfluorooctanoic acid (PFOA)	0.757	0.200	"	0.800		94.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.595	0.186	"	0.744		79.9	50-150				
Perfluorononanoic acid (PFNA)	0.845	0.200	"	0.800		106	50-150				
Perfluorodecanoic acid (PFDA)	0.770	0.200	"	0.800		96.3	50-150				
Perfluoroundecanoic acid (PFUnA)	0.847	0.200	"	0.800		106	50-150				
Perfluorododecanoic acid (PFDoA)	0.617	0.200	"	0.800		77.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.895	0.200	"	0.800		112	50-150				
Perfluorotetradecanoic acid (PFTA)	0.716	0.200	"	0.800		89.5	50-150				
N-MeFOSAA	0.735	0.200	"	0.800		91.9	50-150				
N-EtFOSAA	0.682	0.200	"	0.800		85.2	50-150				
Perfluoropentanoic acid (PFPeA)	1.53	0.400	"	1.60		95.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.744	0.200	"	0.800		93.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.694	0.200	"	0.764		90.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.699	0.193	"	0.772		90.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.69	0.760	"	3.04		121	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.73	0.768	"	3.07		89.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.07	0.800	"	3.20		95.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.39	0.356	"	1.42		97.9	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.70	0.400	"	1.60		106	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.148	0.400	"	1.60		9.23	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.77	0.400	"	1.60		110	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.774	0.188	"	0.752		103	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	3.01	0.750	"	3.00		100	50-150				
HFPO-DA (Gen-X)	1.39	0.800	"	1.60		87.2	50-150				
11CL-PF3OUdS	1.33	0.756	"	1.51		88.0	50-150				
9CL-PF3ONS	1.24	0.748	"	1.50		83.2	50-150				
ADONA	1.96	0.756	"	1.51		130	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.490	0.194	"	0.776		63.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.843	0.192	"	0.768		110	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.21	1.00	"	3.20		37.8	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	12.9	5.00	"	16.0		80.7	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	12.7	5.00	"	16.0		79.1	50-150				
N-MeFOSE	7.94	2.00	"	8.00		99.3	50-150				
N-MeFOSA	0.646	0.200	"	0.800		80.7	50-150				
N-EtFOSE	7.36	2.00	"	8.00		92.0	50-150				
N-EtFOSA	0.584	0.200	"	0.800		73.0	50-150				
Surrogate: M3PFBS	*2.81*		"	*2.33*		*121*	*25-150*				
Surrogate: M5PFHxA	*2.63*		"	*2.50*		*105*	*25-150*				
Surrogate: M4PFHpA	*3.54*		"	*2.50*		*142*	*25-150*				
Surrogate: M3PFHxS	*2.53*		"	*2.37*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.67*		"	*2.50*		*107*	*25-150*				
Surrogate: M6PFDA	*1.32*		"	*1.25*		*106*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.25*		*94.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.08*		"	*1.25*		*86.7*	*25-150*				
Surrogate: M2PFTeDA	*0.927*		"	*1.25*		*74.2*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
LCS (BH41764-BS2) LCS									Prepared: 08/27/2024 Analyzed: 08/29/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.290*		*ug/kg wet*	*10.0*		*2.90*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		*"*	*2.40*		*97.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.21*		*"*	*5.00*		*84.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.12*		*"*	*2.50*		*84.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.62*		*"*	*5.00*		*92.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.68*		*"*	*5.00*		*93.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.81*		*"*	*4.76*		*80.1*	*25-200*				
Surrogate: M2-8:2 FTS	*4.13*		*"*	*4.80*		*85.9*	*25-200*				
Surrogate: M9PFNA	*1.28*		*"*	*1.25*		*103*	*25-150*				
Surrogate: M2-4:2 FTS	*5.15*		*"*	*4.69*		*110*	*25-150*				
Surrogate: d-N-MeFOSA	*1.92*		*"*	*2.50*		*76.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.66*		*"*	*2.50*		*66.3*	*25-150*				
Surrogate: M3HFPO-DA	*8.38*		*"*	*10.0*		*83.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.4*		*"*	*25.0*		*61.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.2*		*"*	*25.0*		*60.8*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41587 - EPA 3550C											
Blank (BH41587-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0352*		*"*	*0.0664*		*53.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0439*		*"*	*0.0664*		*66.1*	*30-150*				
LCS (BH41587-BS1) LCS								Prepared & Analyzed: 08/23/2024			
4,4'-DDD	0.0223	0.00164	mg/kg wet	0.0332		67.2	40-140				
4,4'-DDE	0.0218	0.00164	"	0.0332		65.6	40-140				
4,4'-DDT	0.0247	0.00164	"	0.0332		74.3	40-140				
Aldrin	0.0236	0.00164	"	0.0332		71.0	40-140				
alpha-BHC	0.0243	0.00164	"	0.0332		73.1	40-140				
alpha-Chlordane	0.0247	0.00164	"	0.0332		74.4	40-140				
beta-BHC	0.0262	0.00164	"	0.0332		78.8	40-140				
delta-BHC	0.0228	0.00164	"	0.0332		68.6	40-140				
Dieldrin	0.0242	0.00164	"	0.0332		72.7	40-140				
Endosulfan I	0.0278	0.00164	"	0.0332		83.5	40-140				
Endosulfan II	0.0268	0.00164	"	0.0332		80.5	40-140				
Endosulfan sulfate	0.0244	0.00164	"	0.0332		73.5	40-140				
Endrin	0.0259	0.00164	"	0.0332		77.9	40-140				
Endrin aldehyde	0.0257	0.00164	"	0.0332		77.4	40-140				
Endrin ketone	0.0260	0.00164	"	0.0332		78.1	40-140				
gamma-BHC (Lindane)	0.0247	0.00164	"	0.0332		74.3	40-140				
gamma-Chlordane	0.0247	0.00164	"	0.0332		74.4	40-140				
Heptachlor	0.0272	0.00164	"	0.0332		81.9	40-140				
Heptachlor epoxide	0.0255	0.00164	"	0.0332		76.7	40-140				
Methoxychlor	0.0250	0.00164	"	0.0332		75.1	40-140				
Surrogate: Decachlorobiphenyl	*0.0401*		*"*	*0.0664*		*60.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0507*		*"*	*0.0664*		*76.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41614 - EPA 3550C											
Blank (BH41614-BLK1) Blank									Prepared: 08/24/2024 Analyzed: 08/26/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0406*		*"*	*0.0664*		*61.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0508*		*"*	*0.0664*		*76.4*	*30-150*				
LCS (BH41614-BS1) LCS									Prepared: 08/24/2024 Analyzed: 08/26/2024		
4,4'-DDD	0.0214	0.00164	mg/kg wet	0.0332		64.5	40-140				
4,4'-DDE	0.0215	0.00164	"	0.0332		64.8	40-140				
4,4'-DDT	0.0233	0.00164	"	0.0332		70.0	40-140				
Aldrin	0.0217	0.00164	"	0.0332		65.4	40-140				
alpha-BHC	0.0227	0.00164	"	0.0332		68.3	40-140				
alpha-Chlordane	0.0236	0.00164	"	0.0332		70.9	40-140				
beta-BHC	0.0252	0.00164	"	0.0332		75.9	40-140				
delta-BHC	0.0222	0.00164	"	0.0332		66.8	40-140				
Dieldrin	0.0229	0.00164	"	0.0332		68.9	40-140				
Endosulfan I	0.0257	0.00164	"	0.0332		77.3	40-140				
Endosulfan II	0.0248	0.00164	"	0.0332		74.7	40-140				
Endosulfan sulfate	0.0228	0.00164	"	0.0332		68.8	40-140				
Endrin	0.0244	0.00164	"	0.0332		73.4	40-140				
Endrin aldehyde	0.0249	0.00164	"	0.0332		75.0	40-140				
Endrin ketone	0.0242	0.00164	"	0.0332		72.8	40-140				
gamma-BHC (Lindane)	0.0232	0.00164	"	0.0332		69.7	40-140				
gamma-Chlordane	0.0235	0.00164	"	0.0332		70.7	40-140				
Heptachlor	0.0255	0.00164	"	0.0332		76.7	40-140				
Heptachlor epoxide	0.0242	0.00164	"	0.0332		72.7	40-140				
Methoxychlor	0.0239	0.00164	"	0.0332		71.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0378*		*"*	*0.0664*		*56.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0462*		*"*	*0.0664*		*69.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41587 - EPA 3550C											
Blank (BH41587-BLK2) Blank									Prepared: 08/23/2024 Analyzed: 08/26/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0465*		*"*	*0.0664*		*70.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0316*		*"*	*0.0664*		*47.5*	*30-140*				
LCS (BH41587-BS2) LCS									Prepared: 08/23/2024 Analyzed: 08/26/2024		
Aroclor 1016	0.254	0.0166	mg/kg wet	0.332		76.5	40-130				
Aroclor 1260	0.242	0.0166	"	0.332		72.9	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0475*		*"*	*0.0664*		*71.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0352*		*"*	*0.0664*		*53.0*	*30-140*				
Batch BH41614 - EPA 3550C											
Blank (BH41614-BLK2) Blank									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0568*		*"*	*0.0664*		*85.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0312*		*"*	*0.0664*		*47.0*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41614 - EPA 3550C											
LCS (BH41614-BS2) LCS									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aroclor 1016	0.298	0.0166	mg/kg wet	0.332		89.6	40-130				
Aroclor 1260	0.268	0.0166	"	0.332		80.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0548*		*"*	*0.0664*		*82.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0332*		*"*	*0.0664*		*50.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41755 - EPA 3550C/8151A											
Blank (BH41755-BLK1) Blank								Prepared & Analyzed: 08/27/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.357*		*"*	*0.415*		*86.0*	*21-150*				
LCS (BH41755-BS1) LCS								Prepared & Analyzed: 08/27/2024			
2,4,5-T	0.0723	0.0199	mg/kg wet	0.0664		109	10-120				
2,4,5-TP (Silvex)	0.0689	0.0199	"	0.0664		104	10-120				
2,4-D	0.0640	0.0199	"	0.0664		96.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.401*		*"*	*0.415*		*96.6*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41618 - EPA 3050B											
Blank (BH41618-BLK1) Blank									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BH41618-SRM1) Reference									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aluminum	7160	4.17	mg/kg wet	7680		93.2	46.7-129.9				
Antimony	74.8	2.08	"	257		29.1	1-100				
Arsenic	307	1.25	"	360		85.3	70.6-102.2				
Barium	288	2.08	"	332		86.6	75-108.1				
Beryllium	171	0.042	"	183		93.4	76.5-108.2				
Cadmium	207	0.250	"	238		86.9	73.5-105				
Calcium	5060	4.17	"	5490		92.2	77.2-110.9				
Chromium	184	0.417	"	199		92.7	73.4-107				
Cobalt	85.2	0.333	"	88.7		96.0	76.6-107.6				
Copper	229	1.67	"	227		101	74.9-105.7				
Iron	6450	20.8	"	7360		87.6	51.1-125.8				
Lead	91.7	0.417	"	100		91.7	75.9-110				
Magnesium	1780	4.17	"	1900		93.6	67.4-111.1				
Manganese	515	0.417	"	591		87.2	72.6-107.1				
Nickel	321	0.830	"	342		93.9	75.4-107.6				
Potassium	1370	4.17	"	1500		91.7	66.1-116.7				
Selenium	159	2.08	"	170		93.4	78.2-115.9				
Silver	75.1	0.420	"	88.6		84.8	73.9-112				
Sodium	615	41.7	"	527		117	68.5-115.9	High Bias			
Thallium	206	2.08	"	226		91.0	73.5-108.4				
Vanadium	106	0.830	"	118		89.7	68.1-106.8				
Zinc	167	2.08	"	183		91.2	72.7-109.3				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41703 - EPA 3050B											
Blank (BH41703-BLK1) Blank									Prepared: 08/26/2024 Analyzed: 08/27/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BH41703-SRM1) Reference									Prepared: 08/26/2024 Analyzed: 08/27/2024		
Aluminum	6320	4.17	mg/kg wet	7680		82.3	35.7-119				
Antimony	71.3	2.08	"	244		29.2	0-99.5				
Arsenic	238	1.25	"	283		84.0	69.9-101.4				
Barium	289	2.08	"	326		88.6	73.9-107.1				
Beryllium	148	0.042	"	175		84.4	75.4-107.4				
Cadmium	84.3	0.250	"	95.8		88.0	72.3-103.7				
Calcium	5140	4.17	"	5470		94.0	79.5-113.2				
Chromium	215	0.417	"	239		89.9	72.4-106.3				
Cobalt	142	0.333	"	150		94.5	76-107.3				
Copper	212	1.67	"	217		97.8	74.7-105.1				
Iron	6370	20.8	"	7360		86.6	53-127.9				
Lead	196	0.417	"	210		93.2	75.7-109.5				
Magnesium	1910	4.17	"	2080		91.6	67.3-111.1				
Manganese	249	0.417	"	290		86.0	73.4-108.3				
Nickel	312	0.830	"	329		94.9	74.5-106.7				
Potassium	2120	4.17	"	2330		91.0	60.9-111.6				
Selenium	261	2.08	"	281		93.0	77.6-116.7				
Silver	75.4	0.420	"	82.7		91.1	73.7-111.7				
Sodium	784	41.7	"	427		184	71.2-118.7	High Bias			
Thallium	108	2.08	"	123		87.6	70.2-104.8				
Vanadium	168	0.830	"	192		87.4	68.8-107.8				
Zinc	234	2.08	"	260		90.1	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41593 - EPA 7473 soil											
Blank (BH41593-BLK1) Blank									Prepared: 08/23/2024 Analyzed: 08/24/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH41593-SRM1) Reference									Prepared: 08/23/2024 Analyzed: 08/24/2024		
Mercury	19.735		mg/kg	18.2		108	59.9-140.1				
Batch BH41697 - EPA 7473 soil											
Blank (BH41697-BLK1) Blank									Prepared: 08/26/2024 Analyzed: 08/27/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH41697-SRM1) Reference									Prepared: 08/26/2024 Analyzed: 08/27/2024		
Mercury	15.724		mg/kg	18.2		86.4	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41705 - Analysis Preparation Soil											
Blank (BH41705-BLK1) Blank									Prepared & Analyzed: 08/26/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH41705-SRM1) Reference									Prepared & Analyzed: 08/26/2024		
Cyanide, total	43.2		ug/mL	59.7		72.4	38.5-161.4				
Batch BH41748 - Analysis Preparation Soil											
Blank (BH41748-BLK1) Blank									Prepared & Analyzed: 08/27/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH41748-SRM1) Reference									Prepared & Analyzed: 08/27/2024		
Cyanide, total	49.6		ug/mL	59.7		83.0	38.5-161.4				
Batch BH41875 - EPA SW846-3060											
Blank (BH41875-BLK1) Blank									Prepared & Analyzed: 08/28/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BH41875-SRM1) Reference									Prepared & Analyzed: 08/28/2024		
Chromium, Hexavalent	242		mg/L	227		107	42.3-157.7				
Batch BH41900 - EPA SW846-3060											
Blank (BH41900-BLK1) Blank									Prepared & Analyzed: 08/28/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41900 - EPA SW846-3060											
Reference (BH41900-SRM1) Reference									Prepared & Analyzed: 08/28/2024		
Chromium, Hexavalent	199		mg/L	227		87.8	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41572 - % Solids Prep											
Duplicate (BH41572-DUP1) Duplicate	*Source sample: 24H1562-03 (PE21_15)								Prepared & Analyzed: 08/23/2024		
% Solids	74.9	0.100	%		73.6				1.77	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H1562-01	DUP-1_08222024	40mL Vial with Stir Bar-Cool 4° C
24H1562-02	TB_08222024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H1562-03	PE21_15	40mL Vial with Stir Bar-Cool 4° C
24H1562-04	PE29_15	40mL Vial with Stir Bar-Cool 4° C
24H1562-05	PE38_16	40mL Vial with Stir Bar-Cool 4° C
24H1562-06	PE39_16	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: Per client request, the following sample IDs were updated to remove the dash after PE in the ID nomenclature.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24H1562

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address: Same
Phone.: 973 560 4900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: LKott@langan.com	E-mail:

YOUR Project Name / Number: 1209B Flatlands Avenue 100688801

PO Number:

Samples Collected From: NY ✓ | NJ | CT | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) ✓ | PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Kyle S. Godfrey

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOAs	VOCs	SVOCs	Pesticides/Herbicides	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp.
DUP01-08222024	8/22	10:00	Soil	3									1	X								G
TB-08222024		10:00	LIQ		2								1	X								G
~~MS/MSD-08222024~~ KSG		~~10:00~~	~~Soil~~	~~3~~									1	X	X	X	X	X	X	X	X	G
PE-21-15		10:30		3									1	X	X	X	X	X	X	X	X	G
PE-29-15		10:50		3									1	X	X	X	X	X	X	X	X	G
PE-38-15		10:20		3									1	X	X	X	X	X	X	X	X	G
PE-39-16		~~10:50~~ 9:58		3									1	X	X	X	X	X	X	X	X	G
~~FB01-08222024~~ KSG	↓	~~11:50~~	~~LIQ~~																			

Analyses Requested

Report Type (circle): QA Report | ~~Summary~~ (Results Only) | NY ASP B Package | NJ Reduced | NJ DKQP | NJ Full | CT RCP

EDD Type (circle): EQuIS (standard) | NYSDEC EQuIS | NJDEP SRP Haz Site | Standard Excel | CMDP | Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered | Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y LN Containers Intact: ~~Y~~ / N COC/Labels Agree: ~~Y~~ / N Preservation Confirmed: ~~Y~~ / N

COC Complete: ~~Y~~ / N COC Received: ~~Y~~ / N Appropriate Sample Volumes: ~~Y~~ / N Appropriate Sample Containers: ~~Y~~ / N

Cooler Temperature Confirmed: ~~Y~~ / N Samples Submitted within Holding Times: ~~Y~~ / N Corrective Action Form Required: Y LN

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Kyle S. Godfrey LANGAN	8/22 14:20	Thomas Huber / Yorklab	8/22/24 1420	Thomas Huber / Yorklab	8/22/24 1545
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
YRK	8/22/24 1545 4.1C	YRK	8/22/24 RSO	Ramon Duran	8/22/24 1840
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
Ramon Duran	8/22/24 20:25			Mavara	8/22/24 1.7 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/06/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1973

Report Date: 09/06/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1973

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 28, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H1973-01	PE08_16	Soil	08/28/2024	08/28/2024
24H1973-02	TB_08282024	Water	08/28/2024	08/28/2024

General Notes for York Project (SDG) No.: 24H1973

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 09/06/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0061	0.012	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.1 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*59.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	09/03/2024 08:38	09/04/2024 16:48	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*75.1 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.193	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0578	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.195	0.200	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.188	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.182	0.203	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.206	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.208	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.212	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.436	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-CCV-L	ug/kg dry	0.208	0.211	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.649	0.829	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.824	0.838	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.873	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.388	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.211	0.436	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0676	0.436	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.436	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.171	0.205	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.649	0.818	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.663	0.873	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.339	0.825	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.268	0.816	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.825	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.184	0.212	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.209	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.692	1.09	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.29	5.45	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.64	5.45	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.666	2.18	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.196	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.760	2.18	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*85.5 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*84.4 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*84.8 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*88.9 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*90.5 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*96.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*76.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*67.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*48.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.52 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.8 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*66.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*84.9 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*87.1 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*90.4 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*133 %*		*25-200*

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*92.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*82.9 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*207 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*71.5 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*57.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*91.0 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*31.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*26.9 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.4 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND	S-D	mg/kg dry	0.0219	1	EPA 8151A	08/29/2024 14:47	08/31/2024 13:33	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND	S-D	mg/kg dry	0.0219	1	EPA 8151A	08/29/2024 14:47	08/31/2024 13:33	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND	S-D	mg/kg dry	0.0219	1	EPA 8151A	08/29/2024 14:47	08/31/2024 13:33	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*55.1 %*	S-D	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5480**		mg/kg dry	4.62	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.31	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.95**		mg/kg dry	1.39	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**12.3**		mg/kg dry	2.31	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.277	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**519**		mg/kg dry	4.62	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**11.3**		mg/kg dry	0.462	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.40**		mg/kg dry	0.369	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**8.47**		mg/kg dry	1.85	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8890**		mg/kg dry	23.1	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.72**		mg/kg dry	0.462	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1870**		mg/kg dry	4.62	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**62.0**		mg/kg dry	0.462	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.4**		mg/kg dry	0.920	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**568**	B	mg/kg dry	4.62	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.465	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**50.8**		mg/kg dry	46.2	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.31	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**13.6**		mg/kg dry	0.920	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**17.3**		mg/kg dry	2.30	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0332	1	EPA 7473	08/30/2024 13:36	08/31/2024 15:08	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.554	1	EPA 7196A	08/30/2024 09:07	08/30/2024 16:22	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**11.3**		mg/kg	0.500	1	Calculation	09/04/2024 17:19	09/04/2024 18:03	AD
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.554	1	EPA 9014/9010C	08/30/2024 07:38	08/30/2024 15:02	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.2**		%	0.100	1	SM 2540G	08/30/2024 13:10	08/31/2024 12:34	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: TB_08282024 **York Sample ID:** 24H1973-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Water	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08282024 **York Sample ID:** 24H1973-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Water	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**1.39**		ug/L	0.422	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08282024 **York Sample ID:** 24H1973-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Water	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	CCVE	ug/L	0.491	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/L	0.451	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	QL-02	ug/L	0.244	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE	ug/L	0.608	1.00	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08282024 **York Sample ID:** 24H1973-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Water	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	QL-02	ug/L	0.229	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*84.8 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*107 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*128 %*	*70-130*

Analytical Batch Summary

Batch ID: BH41988 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/29/24
BH41988-BLK1	Blank	08/29/24
BH41988-SRM1	Reference	08/29/24

Batch ID: BH41998 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/29/24
BH41998-BLK1	Blank	08/29/24
BH41998-BS1	LCS	08/29/24

Batch ID: BH42016 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/29/24
BH42016-BLK1	Blank	08/29/24
BH42016-BS1	LCS	08/29/24
BH42016-BSD1	LCS Dup	08/29/24

Batch ID: BH42018 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-02	TB_08282024	08/29/24
BH42018-BLK1	Blank	08/29/24
BH42018-BS1	LCS	08/29/24
BH42018-BSD1	LCS Dup	08/29/24

Batch ID: BH42045 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/30/24

Batch ID: BH42050 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/30/24
BH42050-BLK1	Blank	08/30/24
BH42050-SRM1	Reference	08/30/24

Batch ID: BH42076 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/30/24
BH42076-BLK1	Blank	08/30/24
BH42076-DUP1	Duplicate	08/30/24
BH42076-MS1	Matrix Spike	08/30/24
BH42076-MSD1	Matrix Spike Dup	08/30/24
BH42076-SRM1	Reference	08/30/24

Batch ID: BH42095 **Preparation Method:** EPA 3550C **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/30/24
24H1973-01	PE08_16	08/30/24
BH42095-BLK1	Blank	08/30/24
BH42095-BLK2	Blank	08/30/24
BH42095-BS1	LCS	08/30/24
BH42095-BS2	LCS	08/30/24

Batch ID: BH42096 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/30/24
BH42096-BLK1	Blank	08/30/24
BH42096-SRM1	Reference	08/30/24

Batch ID: BH42098 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/30/24
BH42098-BLK1	Blank	08/30/24
BH42098-BS1	LCS	08/30/24

Batch ID: BI40040 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	09/03/24
BI40040-BLK1	Blank	09/03/24
BI40040-BS1	LCS	09/03/24
BI40040-BS2	LCS	09/03/24

Batch ID: BI40042 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	09/03/24
BI40042-BLK1	Blank	09/03/24
BI40042-BS1	LCS	09/03/24

Batch ID: BI40189 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	09/04/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42016 - EPA 5035A											
Blank (BH42016-BLK1) Blank									Prepared & Analyzed: 08/29/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42016 - EPA 5035A											
Blank (BH42016-BLK1) Blank								Prepared & Analyzed: 08/29/2024			
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.0*		*ug/L*	*50.0*		*96.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.3*	*76-130*				
LCS (BH42016-BS1) LCS								Prepared & Analyzed: 08/29/2024			
1,1,1,2-Tetrachloroethane	49.6		ug/L	50.0		99.2	75-129			30	
1,1,1-Trichloroethane	49.0		"	50.0		97.9	70-130			30	
1,1,2,2-Tetrachloroethane	50.5		"	50.0		101	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.5		"	50.0		103	70-130			30	
1,1,2-Trichloroethane	49.3		"	50.0		98.6	70-130			30	
1,1-Dichloroethane	48.7		"	50.0		97.5	70-130			30	
1,1-Dichloroethylene	54.9		"	50.0		110	70-130			30	
1,1-Dichloropropylene	52.0		"	50.0		104	77-127			30	
1,2,3-Trichlorobenzene	50.9		"	50.0		102	70-130			30	
1,2,3-Trichloropropane	47.3		"	50.0		94.6	81-126			30	
1,2,4-Trichlorobenzene	50.0		"	50.0		100	70-130			30	
1,2,4-Trimethylbenzene	51.6		"	50.0		103	84-125			30	
1,2-Dibromo-3-chloropropane	44.4		"	50.0		88.8	40-160			30	
1,2-Dibromoethane	49.0		"	50.0		97.9	70-130			30	
1,2-Dichlorobenzene	46.7		"	50.0		93.5	70-130			30	
1,2-Dichloroethane	49.3		"	50.0		98.6	70-130			30	
1,2-Dichloropropane	53.7		"	50.0		107	70-130			30	
1,3,5-Trimethylbenzene	50.5		"	50.0		101	82-126			30	
1,3-Dichlorobenzene	48.1		"	50.0		96.2	70-130			30	
1,3-Dichloropropane	49.6		"	50.0		99.1	83-123			30	
1,4-Dichlorobenzene	48.3		"	50.0		96.6	70-130			30	
1,4-Dioxane	947		"	1050		90.2	40-160			30	
2,2-Dichloropropane	51.6		"	50.0		103	67-136			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42016 - EPA 5035A											
LCS (BH42016-BS1) LCS							Prepared & Analyzed: 08/29/2024				
2-Butanone	51.9		ug/L	50.0		104	40-160			30	
2-Chlorotoluene	48.9		"	50.0		97.8	78-127			30	
2-Hexanone	47.2		"	50.0		94.3	40-160			30	
4-Chlorotoluene	51.0		"	50.0		102	79-125			30	
4-Methyl-2-pentanone	45.2		"	50.0		90.5	40-160			30	
Acetone	45.0		"	50.0		89.9	40-160			30	
Acrolein	17.5		"	50.0		35.0	10-238			30	
Acrylonitrile	53.0		"	50.0		106	66-141			30	
Benzene	51.3		"	50.0		103	70-130			30	
Bromobenzene	48.0		"	50.0		96.0	77-129			30	
Bromochloromethane	49.4		"	50.0		98.7	70-130			30	
Bromodichloromethane	48.9		"	50.0		97.8	70-130			30	
Bromoform	48.4		"	50.0		96.9	70-130			30	
Bromomethane	47.8		"	50.0		95.6	40-160			30	
Carbon disulfide	54.4		"	50.0		109	40-160			30	
Carbon tetrachloride	51.9		"	50.0		104	70-130			30	
Chlorobenzene	48.2		"	50.0		96.5	70-130			30	
Chloroethane	46.2		"	50.0		92.5	51-142			30	
Chloroform	49.0		"	50.0		98.1	70-130			30	
Chloromethane	50.9		"	50.0		102	49-132			30	
cis-1,2-Dichloroethylene	45.9		"	50.0		91.8	70-130			30	
cis-1,3-Dichloropropylene	50.5		"	50.0		101	70-130			30	
Cyclohexane	51.3		"	50.0		103	70-130			30	
Dibromochloromethane	48.0		"	50.0		96.0	70-130			30	
Dibromomethane	48.2		"	50.0		96.4	83-124			30	
Dichlorodifluoromethane	59.9		"	50.0		120	40-160			30	
Ethyl Benzene	50.0		"	50.0		100	70-130			30	
Hexachlorobutadiene	50.0		"	50.0		99.9	83-133			30	
Isopropylbenzene	50.2		"	50.0		100	70-130			30	
Methyl acetate	46.5		"	50.0		93.0	70-130			30	
Methyl tert-butyl ether (MTBE)	48.1		"	50.0		96.2	70-130			30	
Methylcyclohexane	49.8		"	50.0		99.6	70-130			30	
Methylene chloride	49.3		"	50.0		98.6	70-130			30	
n-Butylbenzene	49.6		"	50.0		99.3	80-130			30	
n-Propylbenzene	49.8		"	50.0		99.6	74-136			30	
o-Xylene	47.8		"	50.0		95.6	70-130			30	
p- & m- Xylenes	99.0		"	100		99.0	70-130			30	
p-Isopropyltoluene	50.2		"	50.0		100	85-125			30	
sec-Butylbenzene	49.7		"	50.0		99.4	83-125			30	
Styrene	50.2		"	50.0		100	70-130			30	
tert-Butyl alcohol (TBA)	227		"	250		90.9	70-130			30	
tert-Butylbenzene	47.7		"	50.0		95.4	80-127			30	
Tetrachloroethylene	43.8		"	50.0		87.5	70-130			30	
Toluene	48.8		"	50.0		97.7	70-130			30	
trans-1,2-Dichloroethylene	48.7		"	50.0		97.5	70-130			30	
trans-1,3-Dichloropropylene	50.2		"	50.0		100	70-130			30	
Trichloroethylene	48.8		"	50.0		97.6	70-130			30	
Trichlorofluoromethane	48.0		"	50.0		96.0	40-160			30	
Vinyl Chloride	52.1		"	50.0		104	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.9*		*"*	*50.0*		*97.7*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42016 - EPA 5035A											
LCS (BH42016-BS1) LCS								Prepared & Analyzed: 08/29/2024			
Surrogate: SURR: p-Bromofluorobenzene	*47.4*		*ug/L*	*50.0*		*94.9*	*76-130*				
LCS Dup (BH42016-BSD1) LCS Dup								Prepared & Analyzed: 08/29/2024			
1,1,1,2-Tetrachloroethane	52.0		ug/L	50.0		104	75-129		4.68	30	
1,1,1-Trichloroethane	49.3		"	50.0		98.6	70-130		0.651	30	
1,1,2,2-Tetrachloroethane	50.1		"	50.0		100	70-130		0.835	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.7		"	50.0		103	70-130		0.310	30	
1,1,2-Trichloroethane	51.4		"	50.0		103	70-130		4.07	30	
1,1-Dichloroethane	49.6		"	50.0		99.1	70-130		1.71	30	
1,1-Dichloroethylene	55.1		"	50.0		110	70-130		0.363	30	
1,1-Dichloropropylene	51.6		"	50.0		103	77-127		0.695	30	
1,2,3-Trichlorobenzene	49.8		"	50.0		99.5	70-130		2.23	30	
1,2,3-Trichloropropane	50.8		"	50.0		102	81-126		7.17	30	
1,2,4-Trichlorobenzene	53.0		"	50.0		106	70-130		5.86	30	
1,2,4-Trimethylbenzene	52.8		"	50.0		106	84-125		2.38	30	
1,2-Dibromo-3-chloropropane	48.7		"	50.0		97.5	40-160		9.27	30	
1,2-Dibromoethane	48.4		"	50.0		96.8	70-130		1.19	30	
1,2-Dichlorobenzene	49.3		"	50.0		98.5	70-130		5.27	30	
1,2-Dichloroethane	50.5		"	50.0		101	70-130		2.39	30	
1,2-Dichloropropane	52.3		"	50.0		105	70-130		2.62	30	
1,3,5-Trimethylbenzene	50.0		"	50.0		100	82-126		0.975	30	
1,3-Dichlorobenzene	49.3		"	50.0		98.5	70-130		2.38	30	
1,3-Dichloropropane	51.4		"	50.0		103	83-123		3.61	30	
1,4-Dichlorobenzene	49.1		"	50.0		98.2	70-130		1.70	30	
1,4-Dioxane	932		"	1050		88.8	40-160		1.59	30	
2,2-Dichloropropane	52.4		"	50.0		105	67-136		1.48	30	
2-Butanone	60.0		"	50.0		120	40-160		14.3	30	
2-Chlorotoluene	50.5		"	50.0		101	78-127		3.24	30	
2-Hexanone	48.0		"	50.0		96.0	40-160		1.83	30	
4-Chlorotoluene	48.7		"	50.0		97.4	79-125		4.59	30	
4-Methyl-2-pentanone	45.4		"	50.0		90.9	40-160		0.463	30	
Acetone	42.8		"	50.0		85.6	40-160		4.92	30	
Acrolein	18.9		"	50.0		37.8	10-238		7.75	30	
Acrylonitrile	55.3		"	50.0		111	66-141		4.30	30	
Benzene	53.2		"	50.0		106	70-130		3.68	30	
Bromobenzene	50.6		"	50.0		101	77-129		5.34	30	
Bromochloromethane	51.4		"	50.0		103	70-130		4.01	30	
Bromodichloromethane	50.8		"	50.0		102	70-130		3.77	30	
Bromoform	53.1		"	50.0		106	70-130		9.12	30	
Bromomethane	47.3		"	50.0		94.7	40-160		1.01	30	
Carbon disulfide	57.6		"	50.0		115	40-160		5.80	30	
Carbon tetrachloride	53.9		"	50.0		108	70-130		3.67	30	
Chlorobenzene	50.7		"	50.0		101	70-130		5.03	30	
Chloroethane	51.9		"	50.0		104	51-142		11.5	30	
Chloroform	49.9		"	50.0		99.7	70-130		1.66	30	
Chloromethane	52.5		"	50.0		105	49-132		3.08	30	
cis-1,2-Dichloroethylene	45.6		"	50.0		91.2	70-130		0.634	30	
cis-1,3-Dichloropropylene	52.8		"	50.0		106	70-130		4.53	30	
Cyclohexane	52.4		"	50.0		105	70-130		2.10	30	
Dibromochloromethane	49.9		"	50.0		99.7	70-130		3.80	30	
Dibromomethane	48.8		"	50.0		97.6	83-124		1.26	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42016 - EPA 5035A											
LCS Dup (BH42016-BSD1) LCS Dup							Prepared & Analyzed: 08/29/2024				
Dichlorodifluoromethane	59.8		ug/L	50.0		120	40-160		0.150	30	
Ethyl Benzene	50.9		"	50.0		102	70-130		1.70	30	
Hexachlorobutadiene	50.3		"	50.0		101	83-133		0.599	30	
Isopropylbenzene	51.5		"	50.0		103	70-130		2.66	30	
Methyl acetate	49.8		"	50.0		99.5	70-130		6.75	30	
Methyl tert-butyl ether (MTBE)	52.1		"	50.0		104	70-130		8.04	30	
Methylcyclohexane	49.1		"	50.0		98.1	70-130		1.50	30	
Methylene chloride	50.0		"	50.0		100	70-130		1.47	30	
n-Butylbenzene	50.5		"	50.0		101	80-130		1.82	30	
n-Propylbenzene	51.3		"	50.0		103	74-136		2.87	30	
o-Xylene	50.4		"	50.0		101	70-130		5.24	30	
p- & m- Xylenes	101		"	100		101	70-130		2.48	30	
p-Isopropyltoluene	52.0		"	50.0		104	85-125		3.38	30	
sec-Butylbenzene	51.0		"	50.0		102	83-125		2.50	30	
Styrene	52.0		"	50.0		104	70-130		3.52	30	
tert-Butyl alcohol (TBA)	231		"	250		92.4	70-130		1.67	30	
tert-Butylbenzene	48.7		"	50.0		97.5	80-127		2.16	30	
Tetrachloroethylene	44.8		"	50.0		89.6	70-130		2.33	30	
Toluene	50.8		"	50.0		102	70-130		3.93	30	
trans-1,2-Dichloroethylene	51.0		"	50.0		102	70-130		4.47	30	
trans-1,3-Dichloropropylene	49.6		"	50.0		99.2	70-130		1.24	30	
Trichloroethylene	50.5		"	50.0		101	70-130		3.42	30	
Trichlorofluoromethane	48.4		"	50.0		96.7	40-160		0.726	30	
Vinyl Chloride	52.3		"	50.0		105	70-130		0.402	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.3*		*"*	*50.0*		*96.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42018 - EPA 5030B											
Blank (BH42018-BLK1) Blank									Prepared & Analyzed: 08/29/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	0.340	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42018 - EPA 5030B											
Blank (BH42018-BLK1) Blank								Prepared & Analyzed: 08/29/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.55*		*"*	*10.0*		*95.5*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*70-130*				
LCS (BH42018-BS1) LCS								Prepared & Analyzed: 08/29/2024			
1,1,1,2-Tetrachloroethane	9.17		ug/L	10.0		91.7	82-126			30	
1,1,1-Trichloroethane	9.54		"	10.0		95.4	70-130			20	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	70-130			20	
1,1,2-Trichloroethane	8.63		"	10.0		86.3	70-130			20	
1,1-Dichloroethane	9.43		"	10.0		94.3	70-130			20	
1,1-Dichloroethylene	11.2		"	10.0		112	70-130			20	
1,1-Dichloropropylene	10.2		"	10.0		102	83-133			30	
1,2,3-Trichlorobenzene	8.70		"	10.0		87.0	70-130			20	
1,2,3-Trichloropropane	12.7		"	10.0		127	77-128			30	
1,2,4-Trichlorobenzene	6.29		"	10.0		62.9	70-130	Low Bias		20	
1,2,4-Trimethylbenzene	11.7		"	10.0		117	82-132			20	
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	40-160			20	
1,2-Dibromoethane	8.40		"	10.0		84.0	70-130			20	
1,2-Dichlorobenzene	9.36		"	10.0		93.6	70-130			20	
1,2-Dichloroethane	8.27		"	10.0		82.7	70-130			20	
1,2-Dichloropropane	10.2		"	10.0		102	70-130			20	
1,3,5-Trimethylbenzene	12.6		"	10.0		126	80-131			30	
1,3-Dichlorobenzene	10.1		"	10.0		101	70-130			20	
1,3-Dichloropropane	8.80		"	10.0		88.0	81-125			30	
1,4-Dichlorobenzene	9.75		"	10.0		97.5	70-130			20	
1,4-Dioxane	149		"	210		71.1	40-160			20	
2,2-Dichloropropane	10.1		"	10.0		101	56-150			30	
2-Butanone	8.39		"	10.0		83.9	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42018 - EPA 5030B											
LCS (BH42018-BS1) LCS								Prepared & Analyzed: 08/29/2024			
2-Chlorotoluene	12.0		ug/L	10.0		120	79-130			30	
2-Hexanone	6.92		"	10.0		69.2	40-160			20	
4-Chlorotoluene	11.9		"	10.0		119	79-128			30	
4-Methyl-2-pentanone	6.90		"	10.0		69.0	40-160			20	
Acetone	10.0		"	10.0		100	40-160			20	
Acrolein	6.29		"	10.0		62.9	10-153			30	
Acrylonitrile	7.71		"	10.0		77.1	51-150			30	
Benzene	9.73		"	10.0		97.3	70-130			20	
Bromobenzene	11.6		"	10.0		116	78-129			30	
Bromochloromethane	8.41		"	10.0		84.1	70-130			20	
Bromodichloromethane	9.12		"	10.0		91.2	70-130			20	
Bromoform	7.69		"	10.0		76.9	70-130			20	
Bromomethane	10.0		"	10.0		100	40-160			20	
Carbon disulfide	11.1		"	10.0		111	40-160			20	
Carbon tetrachloride	10.1		"	10.0		101	70-130			20	
Chlorobenzene	9.31		"	10.0		93.1	70-130			20	
Chloroethane	10.0		"	10.0		100	40-160			20	
Chloroform	9.10		"	10.0		91.0	70-130			20	
Chloromethane	10.6		"	10.0		106	40-160			20	
cis-1,2-Dichloroethylene	9.29		"	10.0		92.9	70-130			20	
cis-1,3-Dichloropropylene	8.64		"	10.0		86.4	70-130			20	
Cyclohexane	8.90		"	10.0		89.0	70-130			20	
Dibromochloromethane	8.55		"	10.0		85.5	70-130			20	
Dibromomethane	8.87		"	10.0		88.7	72-134			30	
Dichlorodifluoromethane	12.7		"	10.0		127	40-160			20	
Ethyl Benzene	10.5		"	10.0		105	70-130			20	
Hexachlorobutadiene	7.05		"	10.0		70.5	67-146			30	
Isopropylbenzene	13.9		"	10.0		139	70-130	High Bias		20	
Methyl acetate	7.57		"	10.0		75.7	70-130			20	
Methyl tert-butyl ether (MTBE)	6.54		"	10.0		65.4	70-130	Low Bias		20	
Methylcyclohexane	11.3		"	10.0		113	70-130			20	
Methylene chloride	9.00		"	10.0		90.0	70-130			20	
n-Butylbenzene	10.8		"	10.0		108	79-132			30	
n-Propylbenzene	13.5		"	10.0		135	78-133	High Bias		30	
o-Xylene	9.67		"	10.0		96.7	70-130			20	
p- & m- Xylenes	20.7		"	20.0		103	70-130			20	
p-Isopropyltoluene	12.5		"	10.0		125	81-136			30	
sec-Butylbenzene	12.8		"	10.0		128	79-137			30	
Styrene	9.09		"	10.0		90.9	70-130			20	
tert-Butyl alcohol (TBA)	13.5		"	50.0		27.1	25-162			30	
tert-Butylbenzene	11.9		"	10.0		119	77-138			30	
Tetrachloroethylene	10.2		"	10.0		102	70-130			20	
Toluene	10.5		"	10.0		105	70-130			20	
trans-1,2-Dichloroethylene	9.97		"	10.0		99.7	70-130			20	
trans-1,3-Dichloropropylene	7.54		"	10.0		75.4	70-130			20	
Trichloroethylene	10.5		"	10.0		105	70-130			20	
Trichlorofluoromethane	9.99		"	10.0		99.9	40-160			20	
Vinyl Chloride	10.7		"	10.0		107	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.48*		*"*	*10.0*		*84.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.9*		*"*	*10.0*		*109*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*12.0*		*"*	*10.0*		*120*	*70-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42018 - EPA 5030B											
LCS (BH42018-BS1) LCS								Prepared & Analyzed: 08/29/2024			
LCS Dup (BH42018-BSD1) LCS Dup								Prepared & Analyzed: 08/29/2024			
1,1,1,2-Tetrachloroethane	9.74		ug/L	10.0		97.4	82-126		6.03	30	
1,1,1-Trichloroethane	9.30		"	10.0		93.0	70-130		2.55	20	
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	70-130		3.66	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	70-130		3.01	20	
1,1,2-Trichloroethane	9.73		"	10.0		97.3	70-130		12.0	20	
1,1-Dichloroethane	9.57		"	10.0		95.7	70-130		1.47	20	
1,1-Dichloroethylene	10.6		"	10.0		106	70-130		5.48	20	
1,1-Dichloropropylene	9.77		"	10.0		97.7	83-133		3.91	30	
1,2,3-Trichlorobenzene	11.1		"	10.0		111	70-130		24.5	20	Non-dir.
1,2,3-Trichloropropane	12.3		"	10.0		123	77-128		3.03	30	
1,2,4-Trichlorobenzene	8.08		"	10.0		80.8	70-130		24.9	20	Non-dir.
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132		7.73	20	
1,2-Dibromo-3-chloropropane	12.5		"	10.0		125	40-160		19.5	20	
1,2-Dibromoethane	9.18		"	10.0		91.8	70-130		8.87	20	
1,2-Dichlorobenzene	9.55		"	10.0		95.5	70-130		2.01	20	
1,2-Dichloroethane	9.42		"	10.0		94.2	70-130		13.0	20	
1,2-Dichloropropane	9.92		"	10.0		99.2	70-130		2.29	20	
1,3,5-Trimethylbenzene	11.0		"	10.0		110	80-131		13.1	30	
1,3-Dichlorobenzene	9.72		"	10.0		97.2	70-130		3.54	20	
1,3-Dichloropropane	9.60		"	10.0		96.0	81-125		8.70	30	
1,4-Dichlorobenzene	9.43		"	10.0		94.3	70-130		3.34	20	
1,4-Dioxane	183		"	210		87.3	40-160		20.5	20	Non-dir.
2,2-Dichloropropane	9.83		"	10.0		98.3	56-150		2.41	30	
2-Butanone	8.91		"	10.0		89.1	40-160		6.01	20	
2-Chlorotoluene	10.4		"	10.0		104	79-130		14.7	30	
2-Hexanone	8.82		"	10.0		88.2	40-160		24.1	20	Non-dir.
4-Chlorotoluene	10.6		"	10.0		106	79-128		11.5	30	
4-Methyl-2-pentanone	7.92		"	10.0		79.2	40-160		13.8	20	
Acetone	10.5		"	10.0		105	40-160		5.06	20	
Acrolein	4.28		"	10.0		42.8	10-153		38.0	30	Non-dir.
Acrylonitrile	9.77		"	10.0		97.7	51-150		23.6	30	
Benzene	9.90		"	10.0		99.0	70-130		1.73	20	
Bromobenzene	10.5		"	10.0		105	78-129		9.90	30	
Bromochloromethane	9.28		"	10.0		92.8	70-130		9.84	20	
Bromodichloromethane	9.52		"	10.0		95.2	70-130		4.29	20	
Bromoform	8.46		"	10.0		84.6	70-130		9.54	20	
Bromomethane	9.53		"	10.0		95.3	40-160		5.11	20	
Carbon disulfide	10.6		"	10.0		106	40-160		5.06	20	
Carbon tetrachloride	9.68		"	10.0		96.8	70-130		4.15	20	
Chlorobenzene	9.32		"	10.0		93.2	70-130		0.107	20	
Chloroethane	9.67		"	10.0		96.7	40-160		3.36	20	
Chloroform	9.50		"	10.0		95.0	70-130		4.30	20	
Chloromethane	9.97		"	10.0		99.7	40-160		6.03	20	
cis-1,2-Dichloroethylene	9.64		"	10.0		96.4	70-130		3.70	20	
cis-1,3-Dichloropropylene	9.38		"	10.0		93.8	70-130		8.21	20	
Cyclohexane	8.40		"	10.0		84.0	70-130		5.78	20	
Dibromochloromethane	9.17		"	10.0		91.7	70-130		7.00	20	
Dibromomethane	9.13		"	10.0		91.3	72-134		2.89	30	
Dichlorodifluoromethane	11.7		"	10.0		117	40-160		7.71	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42018 - EPA 5030B											
LCS Dup (BH42018-BSD1) LCS Dup							Prepared & Analyzed: 08/29/2024				
Ethyl Benzene	10.2		ug/L	10.0		102	70-130		3.58	20	
Hexachlorobutadiene	9.19		"	10.0		91.9	67-146		26.4	30	
Isopropylbenzene	11.2		"	10.0		112	70-130		21.6	20	Non-dir.
Methyl acetate	9.69		"	10.0		96.9	70-130		24.6	20	Non-dir.
Methyl tert-butyl ether (MTBE)	9.21		"	10.0		92.1	70-130		33.9	20	Non-dir.
Methylcyclohexane	10.0		"	10.0		100	70-130		12.1	20	
Methylene chloride	9.46		"	10.0		94.6	70-130		4.98	20	
n-Butylbenzene	10.6		"	10.0		106	79-132		1.86	30	
n-Propylbenzene	11.2		"	10.0		112	78-133		18.6	30	
o-Xylene	9.69		"	10.0		96.9	70-130		0.207	20	
p- & m- Xylenes	20.1		"	20.0		100	70-130		2.84	20	
p-Isopropyltoluene	11.2		"	10.0		112	81-136		10.6	30	
sec-Butylbenzene	11.1		"	10.0		111	79-137		14.0	30	
Styrene	9.69		"	10.0		96.9	70-130		6.39	20	
tert-Butyl alcohol (TBA)	14.9		"	50.0		29.8	25-162		9.63	30	
tert-Butylbenzene	10.1		"	10.0		101	77-138		16.3	30	
Tetrachloroethylene	9.23		"	10.0		92.3	70-130		10.1	20	
Toluene	9.92		"	10.0		99.2	70-130		6.06	20	
trans-1,2-Dichloroethylene	9.77		"	10.0		97.7	70-130		2.03	20	
trans-1,3-Dichloropropylene	8.27		"	10.0		82.7	70-130		9.23	20	
Trichloroethylene	9.59		"	10.0		95.9	70-130		9.34	20	
Trichlorofluoromethane	9.48		"	10.0		94.8	40-160		5.24	20	
Vinyl Chloride	9.73		"	10.0		97.3	70-130		9.68	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.31*		*"*	*10.0*		*93.1*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42098 - EPA 3550C											
Blank (BH42098-BLK1) Blank									Prepared: 08/30/2024 Analyzed: 08/31/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42098 - EPA 3550C											
Blank (BH42098-BLK1) Blank									Prepared: 08/30/2024 Analyzed: 08/31/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.922*		"	*1.66*		*55.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.833*		"	*1.66*		*50.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.535*		"	*0.831*		*64.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.433*		"	*0.831*		*52.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.904*		"	*1.66*		*54.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.440*		"	*0.831*		*53.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42098 - EPA 3550C											
LCS (BH42098-BS1) LCS							Prepared: 08/30/2024 Analyzed: 08/31/2024				
1,1-Biphenyl	0.386	0.0416	mg/kg wet	0.831		46.5	18-111				
1,2,4,5-Tetrachlorobenzene	0.398	0.0830	"	0.831		48.0	21-131				
1,2,4-Trichlorobenzene	0.417	0.0416	"	0.831		50.2	10-140				
1,2-Dichlorobenzene	0.396	0.0416	"	0.831		47.7	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.394	0.0416	"	0.831		47.5	17-137				
1,3-Dichlorobenzene	0.383	0.0416	"	0.831		46.1	33-110				
1,4-Dichlorobenzene	0.395	0.0416	"	0.831		47.5	32-104				
2,3,4,6-Tetrachlorophenol	0.557	0.0830	"	0.831		67.1	30-130				
2,4,5-Trichlorophenol	0.446	0.0416	"	0.831		53.6	27-118				
2,4,6-Trichlorophenol	0.416	0.0416	"	0.831		50.0	31-120				
2,4-Dichlorophenol	0.422	0.0416	"	0.831		50.8	20-127				
2,4-Dimethylphenol	0.386	0.0416	"	0.831		46.5	14-132				
2,4-Dinitrophenol	ND	0.0830	"	0.831			10-171	Low Bias			
2,4-Dinitrotoluene	0.407	0.0416	"	0.831		49.0	34-131				
2,6-Dinitrotoluene	0.418	0.0416	"	0.831		50.3	31-128				
2-Chloronaphthalene	0.400	0.0416	"	0.831		48.1	31-117				
2-Chlorophenol	0.416	0.0416	"	0.831		50.1	33-113				
2-Methylnaphthalene	0.397	0.0416	"	0.831		47.8	12-138				
2-Methylphenol	0.378	0.0416	"	0.831		45.5	10-136				
2-Nitroaniline	0.510	0.0830	"	0.831		61.4	27-132				
2-Nitrophenol	0.259	0.0416	"	0.831		31.2	17-129				
3- & 4-Methylphenols	0.319	0.0416	"	0.831		38.4	29-103				
3,3-Dichlorobenzidine	0.424	0.0416	"	0.831		51.0	22-149				
3-Nitroaniline	0.526	0.0830	"	0.831		63.3	20-133				
4,6-Dinitro-2-methylphenol	ND	0.0830	"	0.831			10-143	Low Bias			
4-Bromophenyl phenyl ether	0.397	0.0416	"	0.831		47.8	29-120				
4-Chloro-3-methylphenol	0.431	0.0416	"	0.831		51.9	24-129				
4-Chloroaniline	0.367	0.0416	"	0.831		44.2	10-132				
4-Chlorophenyl phenyl ether	0.369	0.0416	"	0.831		44.5	27-124				
4-Nitroaniline	0.556	0.0830	"	0.831		67.0	16-128				
4-Nitrophenol	0.481	0.0830	"	0.831		57.9	10-141				
Acenaphthene	0.377	0.0416	"	0.831		45.4	30-121				
Acenaphthylene	0.373	0.0416	"	0.831		45.0	30-115				
Acetophenone	0.388	0.0416	"	0.831		46.7	20-112				
Aniline	0.305	0.166	"	0.831		36.7	10-119				
Anthracene	0.426	0.0416	"	0.831		51.3	34-118				
Atrazine	0.464	0.0416	"	0.831		55.9	26-112				
Benzaldehyde	0.297	0.0416	"	0.831		35.7	21-100				
Benzo(a)anthracene	0.412	0.0416	"	0.831		49.6	32-122				
Benzo(a)pyrene	0.426	0.0416	"	0.831		51.3	29-133				
Benzo(b)fluoranthene	0.439	0.0416	"	0.831		52.8	25-133				
Benzo(g,h,i)perylene	0.355	0.0416	"	0.831		42.8	10-143				
Benzo(k)fluoranthene	0.410	0.0416	"	0.831		49.4	25-128				
Benzoic acid	0.0578	0.0416	"	0.831		6.96	10-140	Low Bias			
Benzyl alcohol	0.371	0.0416	"	0.831		44.7	30-115				
Benzyl butyl phthalate	0.448	0.0416	"	0.831		54.0	26-126				
Bis(2-chloroethoxy)methane	0.377	0.0416	"	0.831		45.4	19-132				
Bis(2-chloroethyl)ether	0.367	0.0416	"	0.831		44.2	19-125				
Bis(2-chloroisopropyl)ether	0.339	0.0416	"	0.831		40.8	20-135				
Bis(2-ethylhexyl)phthalate	0.466	0.0416	"	0.831		56.2	10-155				
Caprolactam	0.435	0.0830	"	0.831		52.4	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42098 - EPA 3550C											
LCS (BH42098-BS1) LCS								Prepared: 08/30/2024 Analyzed: 08/31/2024			
Carbazole	0.432	0.0416	mg/kg wet	0.831		52.0	35-123				
Chrysene	0.401	0.0416	"	0.831		48.3	32-123				
Dibenzo(a,h)anthracene	0.412	0.0416	"	0.831		49.6	10-136				
Dibenzofuran	0.374	0.0416	"	0.831		45.0	29-121				
Diethyl phthalate	0.413	0.0416	"	0.831		49.7	34-116				
Dimethyl phthalate	0.393	0.0416	"	0.831		47.4	35-124				
Di-n-butyl phthalate	0.458	0.0416	"	0.831		55.1	31-116				
Di-n-octyl phthalate	0.513	0.0416	"	0.831		61.7	26-136				
Fluoranthene	0.447	0.0416	"	0.831		53.8	33-122				
Fluorene	0.383	0.0416	"	0.831		46.1	29-123				
Hexachlorobenzene	0.502	0.0416	"	0.831		60.5	21-124				
Hexachlorobutadiene	0.417	0.0416	"	0.831		50.2	10-149				
Hexachlorocyclopentadiene	ND	0.0416	"	0.831			10-129	Low Bias			
Hexachloroethane	0.333	0.0416	"	0.831		40.1	28-108				
Indeno(1,2,3-cd)pyrene	0.496	0.0416	"	0.831		59.8	10-135				
Isophorone	0.397	0.0416	"	0.831		47.8	20-132				
Naphthalene	0.407	0.0416	"	0.831		49.0	23-124				
Nitrobenzene	0.465	0.0416	"	0.831		56.0	13-132				
N-Nitrosodimethylamine	0.366	0.0416	"	0.831		44.1	11-129				
N-nitroso-di-n-propylamine	0.368	0.0416	"	0.831		44.3	24-119				
N-Nitrosodiphenylamine	0.405	0.0416	"	0.831		48.8	22-152				
Pentachlorophenol	0.396	0.0416	"	0.831		47.7	10-139				
Phenanthrene	0.424	0.0416	"	0.831		51.0	33-123				
Phenol	0.395	0.0416	"	0.831		47.6	23-115				
Pyrene	0.386	0.0416	"	0.831		46.5	24-130				
Pyridine	0.331	0.166	"	0.831		39.9	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.807*		"	*1.66*		*48.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.750*		"	*1.66*		*45.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.503*		"	*0.831*		*60.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.402*		"	*0.831*		*48.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.919*		"	*1.66*		*55.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.407*		"	*0.831*		*49.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40042 - EPA 3550C											
Blank (BI40042-BLK1) Blank									Prepared: 09/03/2024 Analyzed: 09/04/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*405*		*"*	*495*		*81.8*	*39-127.5*				
LCS (BI40042-BS1) LCS									Prepared: 09/03/2024 Analyzed: 09/04/2024		
1,4-Dioxane	484	19.8	ug/kg	495		97.8	40-130				
Surrogate: 1,4-Dioxane-d8	*382*		*"*	*495*		*77.2*	*39-127.5*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
Blank (BI40040-BLK1) Blank									Prepared: 09/03/2024 Analyzed: 09/04/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.992	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.96	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*2.48*		"	*2.31*		*107*	*25-150*				
Surrogate: M5PFHxA	*2.48*		"	*2.48*		*100*	*25-150*				
Surrogate: M4PFHpA	*2.44*		"	*2.48*		*98.4*	*25-150*				
Surrogate: M3PFHxS	*2.34*		"	*2.35*		*99.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.70*		"	*2.48*		*109*	*25-150*				
Surrogate: M6PFDA	*1.26*		"	*1.24*		*102*	*25-150*				
Surrogate: M7PFUdA	*0.976*		"	*1.24*		*78.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.786*		"	*1.24*		*63.4*	*25-150*				
Surrogate: M2PFTeDA	*0.617*		"	*1.24*		*49.8*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
Blank (BI40040-BLK1) Blank								Prepared: 09/03/2024 Analyzed: 09/04/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.61*		*ug/kg wet*	*9.92*		*86.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		*"*	*2.38*		*98.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.32*		*"*	*4.96*		*87.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.23*		*"*	*2.48*		*90.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.00*		*"*	*4.96*		*80.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.57*		*"*	*4.96*		*92.2*	*25-150*				
Surrogate: M2-6:2 FTS	*8.68*		*"*	*4.72*		*184*	*25-200*				
Surrogate: M2-8:2 FTS	*4.60*		*"*	*4.76*		*96.6*	*25-200*				
Surrogate: M9PFNA	*1.31*		*"*	*1.24*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*12.0*		*"*	*4.65*		*257*	*25-150*				
Surrogate: d-N-MeFOSA	*1.77*		*"*	*2.48*		*71.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.25*		*"*	*2.48*		*50.3*	*25-150*				
Surrogate: M3HFPO-DA	*11.4*		*"*	*9.92*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*6.04*		*"*	*24.8*		*24.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.94*		*"*	*24.8*		*23.9*	*25-150*				
LCS (BI40040-BS1) LCS								Prepared: 09/03/2024 Analyzed: 09/04/2024			
Perfluorobutanesulfonic acid (PFBS)	3.70	0.174	ug/kg wet	3.48		106	50-150				
Perfluorohexanoic acid (PFHxA)	3.84	0.196	"	3.93		97.7	50-150				
Perfluoroheptanoic acid (PFHpA)	4.07	0.196	"	3.93		103	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.23	0.180	"	3.60		89.9	50-150				
Perfluorooctanoic acid (PFOA)	4.50	0.196	"	3.93		114	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.76	0.183	"	3.65		103	50-150				
Perfluorononanoic acid (PFNA)	4.03	0.196	"	3.93		103	50-150				
Perfluorodecanoic acid (PFDA)	3.11	0.196	"	3.93		79.1	50-150				
Perfluoroundecanoic acid (PFUnA)	3.72	0.196	"	3.93		94.8	50-150				
Perfluorododecanoic acid (PFDoA)	3.98	0.196	"	3.93		101	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.83	0.196	"	3.93		97.4	50-150				
Perfluorotetradecanoic acid (PFTA)	3.69	0.196	"	3.93		94.0	50-150				
N-MeFOSAA	4.36	0.196	"	3.93		111	50-150				
N-EtFOSAA	4.18	0.196	"	3.93		106	50-150				
Perfluoropentanoic acid (PFPeA)	8.14	0.393	"	7.86		104	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.10	0.196	"	3.93		104	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.43	0.196	"	3.75		118	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.55	0.190	"	3.79		67.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.6	0.747	"	14.9		97.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.6	0.754	"	15.1		104	50-150				
Perfluoro-n-butanoic acid (PFBA)	16.6	0.786	"	15.7		106	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.05	0.350	"	6.99		129	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.06	0.393	"	7.86		103	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.20	0.393	"	7.86		91.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.96	0.393	"	7.86		114	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.50	0.185	"	3.69		94.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.6	0.737	"	14.7		92.1	50-150				
HFPO-DA (Gen-X)	7.92	0.786	"	7.86		101	50-150				
11CL-PF3OUdS	5.15	0.743	"	7.43		69.4	50-150				
9CL-PF3ONS	7.26	0.735	"	7.35		98.8	50-150				
ADONA	7.64	0.743	"	7.43		103	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
LCS (BI40040-BS1) LCS								Prepared: 09/03/2024 Analyzed: 09/04/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.14	0.191	ug/kg wet	3.81		56.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.54	0.189	"	3.77		93.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	19.7	0.982	"	15.7		125	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	92.8	4.91	"	78.6		118	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	89.8	4.91	"	78.6		114	50-150				
N-MeFOSE	44.7	1.96	"	39.3		114	50-150				
N-MeFOSA	3.90	0.196	"	3.93		99.2	50-150				
N-EtFOSE	37.3	1.96	"	39.3		95.0	50-150				
N-EtFOSA	4.14	0.196	"	3.93		105	50-150				
Surrogate: M3PFBS	*2.24*		*"*	*2.29*		*97.9*	*25-150*				
Surrogate: M5PFHxA	*2.36*		*"*	*2.46*		*96.3*	*25-150*				
Surrogate: M4PFHpA	*2.62*		*"*	*2.46*		*107*	*25-150*				
Surrogate: M3PFHxS	*2.37*		*"*	*2.33*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.42*		*"*	*2.46*		*98.6*	*25-150*				
Surrogate: M6PFDA	*1.37*		*"*	*1.23*		*111*	*25-150*				
Surrogate: M7PFUdA	*1.07*		*"*	*1.23*		*87.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.778*		*"*	*1.23*		*63.4*	*25-150*				
Surrogate: M2PFTeDA	*0.766*		*"*	*1.23*		*62.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.40*		*"*	*9.82*		*65.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		*"*	*2.35*		*99.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.34*		*"*	*4.91*		*88.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.24*		*"*	*2.46*		*91.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.31*		*"*	*4.91*		*87.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.52*		*"*	*4.91*		*92.0*	*25-150*				
Surrogate: M2-6:2 FTS	*8.29*		*"*	*4.67*		*177*	*25-200*				
Surrogate: M2-8:2 FTS	*4.93*		*"*	*4.72*		*105*	*25-200*				
Surrogate: M9PFNA	*1.10*		*"*	*1.23*		*89.9*	*25-150*				
Surrogate: M2-4:2 FTS	*11.8*		*"*	*4.61*		*257*	*25-150*				
Surrogate: d-N-MeFOSA	*1.83*		*"*	*2.46*		*74.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.60*		*"*	*2.46*		*65.0*	*25-150*				
Surrogate: M3HFPO-DA	*10.9*		*"*	*9.82*		*111*	*25-150*				
Surrogate: d9-N-EtFOSE	*7.74*		*"*	*24.6*		*31.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*6.46*		*"*	*24.6*		*26.3*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
LCS (BI40040-BS2) LCS								Prepared: 09/03/2024 Analyzed: 09/04/2024			
Perfluorobutanesulfonic acid (PFBS)	0.678	0.176	ug/kg wet	0.702		96.5	50-150				
Perfluorohexanoic acid (PFHxA)	0.738	0.198	"	0.794		93.0	50-150				
Perfluoroheptanoic acid (PFHpA)	0.859	0.198	"	0.794		108	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.578	0.182	"	0.726		79.5	50-150				
Perfluorooctanoic acid (PFOA)	0.731	0.198	"	0.794		92.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.704	0.185	"	0.738		95.4	50-150				
Perfluorononanoic acid (PFNA)	0.687	0.198	"	0.794		86.6	50-150				
Perfluorodecanoic acid (PFDA)	0.674	0.198	"	0.794		84.9	50-150				
Perfluoroundecanoic acid (PFUnA)	0.769	0.198	"	0.794		96.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.790	0.198	"	0.794		99.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.815	0.198	"	0.794		103	50-150				
Perfluorotetradecanoic acid (PFTA)	0.739	0.198	"	0.794		93.1	50-150				
N-MeFOSAA	0.952	0.198	"	0.794		120	50-150				
N-EtFOSAA	0.827	0.198	"	0.794		104	50-150				
Perfluoropentanoic acid (PFPeA)	1.52	0.397	"	1.59		95.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.754	0.198	"	0.794		95.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.834	0.198	"	0.758		110	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.557	0.191	"	0.766		72.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.66	0.754	"	3.02		88.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.89	0.762	"	3.05		94.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.05	0.794	"	3.17		96.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.67	0.353	"	1.41		118	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.40	0.397	"	1.59		88.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.877	0.397	"	1.59		55.2	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.63	0.397	"	1.59		103	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.647	0.187	"	0.746		86.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.70	0.744	"	2.98		90.9	50-150				
HFPO-DA (Gen-X)	2.11	0.794	"	1.59		133	50-150				
11CL-PF3OUdS	1.06	0.750	"	1.50		70.8	50-150				
9CL-PF3ONS	1.54	0.742	"	1.48		104	50-150				
ADONA	1.46	0.750	"	1.50		97.6	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.440	0.192	"	0.770		57.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.748	0.190	"	0.762		98.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	3.59	0.992	"	3.17		113	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	17.3	4.96	"	15.9		109	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	18.0	4.96	"	15.9		113	50-150				
N-MeFOSE	8.44	1.98	"	7.94		106	50-150				
N-MeFOSA	0.839	0.198	"	0.794		106	50-150				
N-EtFOSE	7.85	1.98	"	7.94		98.9	50-150				
N-EtFOSA	0.815	0.198	"	0.794		103	50-150				
Surrogate: M3PFBS	*2.41*		"	*2.31*		*104*	*25-150*				
Surrogate: M5PFHxA	*2.61*		"	*2.48*		*105*	*25-150*				
Surrogate: M4PFHpA	*2.60*		"	*2.48*		*105*	*25-150*				
Surrogate: M3PFHxS	*2.40*		"	*2.35*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.95*		"	*2.48*		*119*	*25-150*				
Surrogate: M6PFDA	*1.50*		"	*1.24*		*121*	*25-150*				
Surrogate: M7PFUdA	*1.07*		"	*1.24*		*86.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.898*		"	*1.24*		*72.4*	*25-150*				
Surrogate: M2PFTeDA	*0.794*		"	*1.24*		*64.0*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
LCS (BI40040-BS2) LCS								Prepared: 09/03/2024 Analyzed: 09/04/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.80*		*ug/kg wet*	*9.92*		*18.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.40*		*"*	*2.38*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.79*		*"*	*4.96*		*96.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.49*		*"*	*2.48*		*100*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.93*		*"*	*4.96*		*99.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.13*		*"*	*4.96*		*103*	*25-150*				
Surrogate: M2-6:2 FTS	*7.99*		*"*	*4.72*		*169*	*25-200*				
Surrogate: M2-8:2 FTS	*5.11*		*"*	*4.76*		*107*	*25-200*				
Surrogate: M9PFNA	*1.38*		*"*	*1.24*		*112*	*25-150*				
Surrogate: M2-4:2 FTS	*10.2*		*"*	*4.65*		*219*	*25-150*				
Surrogate: d-N-MeFOSA	*2.03*		*"*	*2.48*		*81.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.70*		*"*	*2.48*		*68.4*	*25-150*				
Surrogate: M3HFPO-DA	*11.4*		*"*	*9.92*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.15*		*"*	*24.8*		*32.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*7.73*		*"*	*24.8*		*31.2*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42095 - EPA 3550C											
Blank (BH42095-BLK1) Blank									Prepared & Analyzed: 08/30/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0469*		*"*	*0.0664*		*70.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0636*		*"*	*0.0664*		*95.8*	*30-150*				
LCS (BH42095-BS1) LCS									Prepared & Analyzed: 08/30/2024		
4,4'-DDD	0.0288	0.00164	mg/kg wet	0.0332		86.6	40-140				
4,4'-DDE	0.0276	0.00164	"	0.0332		83.1	40-140				
4,4'-DDT	0.0256	0.00164	"	0.0332		77.0	40-140				
Aldrin	0.0269	0.00164	"	0.0332		80.9	40-140				
alpha-BHC	0.0297	0.00164	"	0.0332		89.4	40-140				
alpha-Chlordane	0.0271	0.00164	"	0.0332		81.6	40-140				
beta-BHC	0.0290	0.00164	"	0.0332		87.2	40-140				
delta-BHC	0.0249	0.00164	"	0.0332		75.0	40-140				
Dieldrin	0.0284	0.00164	"	0.0332		85.6	40-140				
Endosulfan I	0.0291	0.00164	"	0.0332		87.6	40-140				
Endosulfan II	0.0295	0.00164	"	0.0332		88.7	40-140				
Endosulfan sulfate	0.0222	0.00164	"	0.0332		66.9	40-140				
Endrin	0.0314	0.00164	"	0.0332		94.4	40-140				
Endrin aldehyde	0.0305	0.00164	"	0.0332		91.9	40-140				
Endrin ketone	0.0273	0.00164	"	0.0332		82.2	40-140				
gamma-BHC (Lindane)	0.0268	0.00164	"	0.0332		80.5	40-140				
gamma-Chlordane	0.0276	0.00164	"	0.0332		83.2	40-140				
Heptachlor	0.0279	0.00164	"	0.0332		83.9	40-140				
Heptachlor epoxide	0.0289	0.00164	"	0.0332		86.8	40-140				
Methoxychlor	0.0223	0.00164	"	0.0332		67.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0413*		*"*	*0.0664*		*62.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0531*		*"*	*0.0664*		*80.0*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42095 - EPA 3550C											
Blank (BH42095-BLK2) Blank								Prepared & Analyzed: 08/30/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0638*		*"*	*0.0664*		*96.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0346*		*"*	*0.0664*		*52.0*	*30-120*				
LCS (BH42095-BS2) LCS								Prepared & Analyzed: 08/30/2024			
Aroclor 1016	0.252	0.0166	mg/kg wet	0.332		75.8	40-130				
Aroclor 1260	0.253	0.0166	"	0.332		76.3	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0525*		*"*	*0.0664*		*79.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0339*		*"*	*0.0664*		*51.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41998 - EPA 3550C/8151A											
Blank (BH41998-BLK1) Blank									Prepared: 08/29/2024 Analyzed: 08/31/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.561*		*"*	*0.831*		*67.5*	*21-150*				
LCS (BH41998-BS1) LCS									Prepared: 08/29/2024 Analyzed: 08/31/2024		
2,4,5-T	0.0523	0.0199	mg/kg wet	0.0664		78.7	10-120				
2,4,5-TP (Silvex)	0.0631	0.0199	"	0.0664		95.0	10-120				
2,4-D	0.0573	0.0199	"	0.0664		86.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.561*		*"*	*0.831*		*67.6*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41988 - EPA 3050B											
Blank (BH41988-BLK1) Blank									Prepared: 08/29/2024 Analyzed: 08/30/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	29.1	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BH41988-SRM1) Reference									Prepared: 08/29/2024 Analyzed: 08/30/2024		
Aluminum	7690	4.17	mg/kg wet	7680		100	35.7-119				
Antimony	68.3	2.08	"	244		28.0	0-99.5				
Arsenic	255	1.25	"	283		90.0	69.9-101.4				
Barium	315	2.08	"	326		96.6	73.9-107.1				
Beryllium	173	0.042	"	175		98.7	75.4-107.4				
Cadmium	90.6	0.250	"	95.8		94.5	72.3-103.7				
Calcium	5500	4.17	"	5470		101	79.5-113.2				
Chromium	223	0.417	"	239		93.5	72.4-106.3				
Cobalt	148	0.333	"	150		98.5	76-107.3				
Copper	227	1.67	"	217		104	74.7-105.1				
Iron	7400	20.8	"	7360		100	53-127.9				
Lead	206	0.417	"	210		98.2	75.7-109.5				
Magnesium	2120	4.17	"	2080		102	67.3-111.1				
Manganese	276	0.417	"	290		95.0	73.4-108.3				
Nickel	322	0.830	"	329		97.8	74.5-106.7				
Potassium	2330	4.17	"	2330		100	60.9-111.6				
Selenium	280	2.08	"	281		99.6	77.6-116.7				
Silver	82.5	0.420	"	82.7		99.8	73.7-111.7				
Sodium	1390	41.7	"	427		326	71.2-118.7	High Bias			
Thallium	119	2.08	"	123		96.9	70.2-104.8				
Vanadium	179	0.830	"	192		93.1	68.8-107.8				
Zinc	248	2.08	"	260		95.5	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42096 - EPA 7473 soil											
Blank (BH42096-BLK1) Blank									Prepared: 08/30/2024 Analyzed: 08/31/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH42096-SRM1) Reference									Prepared: 08/30/2024 Analyzed: 08/31/2024		
Mercury	19.802		mg/kg	18.2		109	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42050 - Analysis Preparation Soil											
Blank (BH42050-BLK1) Blank								Prepared & Analyzed: 08/30/2024			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH42050-SRM1) Reference								Prepared & Analyzed: 08/30/2024			
Cyanide, total	53.7		ug/mL	59.7		90.0	38.5-161.4				
Batch BH42076 - EPA SW846-3060											
Blank (BH42076-BLK1) Blank								Prepared & Analyzed: 08/30/2024			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BH42076-DUP1) Duplicate	*Source sample: 24H1973-01 (PE08_16)							Prepared & Analyzed: 08/30/2024			
Chromium, Hexavalent	ND	0.554	mg/kg dry		ND					35	
Matrix Spike (BH42076-MS1) Matrix Spike	*Source sample: 24H1973-01 (PE08_16)							Prepared & Analyzed: 08/30/2024			
Chromium, Hexavalent	12.5	0.554	mg/kg dry	22.2	ND	56.6	75-125	Low Bias			
Matrix Spike Dup (BH42076-! Matrix Spike Dup	*Source sample: 24H1973-01 (PE08_16)							Prepared & Analyzed: 08/30/2024			
Chromium, Hexavalent	14.0	0.554	mg/kg dry	22.2	ND	63.0	75-125	Low Bias	10.7	200	
Reference (BH42076-SRM1) Reference								Prepared & Analyzed: 08/30/2024			
Chromium, Hexavalent	259		mg/L	227		114	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H1973-01	PE08_16	40mL Vial with Stir Bar-Cool 4° C
24H1973-02	TB_08282024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-D	The surrogates were spiked at twice the normal concentration and recovery is within limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: PCB analysis was requested by the client on 8/29/24. A revised COC was provided. On 9/5/24, it was requested to remove the dash between PE and 08 in the sample ID.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 2441973

Report To:	Invoice To:
Company: GANGAN	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address:
Phone.: 973-526-4900	Phone.: SAME
Contact: Lauren Kott	Contact:
E-mail: lkott@langan.com	E-mail:

YOUR Project Name / Number: 100688801 12096 Flatlands Avenue

PO Number:

Samples Collected From: NY X | NJ | CT | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) X | PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Daniel Horvath

Matrix Codes
S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil
Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	PCBs	Grab or Comp	
PE-08-16	8/28	0930	Soil	3									1	X	X	X	X	X	X	X	X	X	G/C	CT RCP
TB-082824					2									X										

Report Type (circle): QA Report | Summary (Results Only) | NY ASP B Package | NJ Reduced | NJ DKQP | NJ Full | CT RCP

EDD Type (circle): EQuIS (standard) | NYSDEC EQuIS | NJDEP SRP Haz Site | Standard Excel | CMDP | Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered | Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Daniel Horvath/Langan	8/28 1515	[illegible]	8/28/24 1515	[illegible]	8/28/24 15:47
2. Samples Received by / Company	**Date/Time**	**3. Samples Relinquished by / Company**	**Date/Time**	**3. Samples Received by / Company**	**Date/Time**
YORK	8/28/24 1547 4.1°C	YORK	8/28/24 1850	Ramon Huron	8/28/24 1900
4. Samples Relinquished by / Company	**Date/Time**	**4. Samples Received by / Company**	**Date/Time**	**Samples Received in LAB by**	**Date/Time** / **Temperature**
Ramon Duron	8/28/24 19:50			JMavaro	8/28/24 19:50 3.2°C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/18/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I0233

Revision No. **1.0**

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 09/18/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I0233

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 05, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24I0233-01	PE33_15	Soil	09/05/2024	09/05/2024
24I0233-02	PE34_15	Soil	09/05/2024	09/05/2024
24I0233-03	PE40_15	Soil	09/05/2024	09/05/2024
24I0233-04	PE32_15	Soil	09/05/2024	09/05/2024
24I0233-05	PE16_15	Soil	09/05/2024	09/05/2024
24I0233-06	TB_09052024	Water	09/05/2024	09/05/2024

General Notes for York Project (SDG) No.: 24I0233

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 09/18/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.017**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.070**		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0050	0.010	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE, ICVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE, ICVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.1 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0946	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	**2-Methylnaphthalene**	**0.324**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.255**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.151**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.189	0.379	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.632**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.189	0.379	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.767**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.800**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.483**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.476**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.484**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0946	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.882**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.203**	CCVE, ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**1.55**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.489**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.437**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0976**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**2.30**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND	CCVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**2.14**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.189	0.379	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*52.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	09/09/2024 13:20	09/10/2024 15:47	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*70.8 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.199	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0595	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.201	0.205	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.193	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.187	0.209	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.212	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.214	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.222	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.183	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.166	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.218	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.449	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.164	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.174	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.214	0.217	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.668	0.853	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.848	0.862	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.898	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.156	0.400	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.217	0.449	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0696	0.449	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.449	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.176	0.211	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.668	0.842	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.683	0.898	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:30	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.349	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:30	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.276	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:30	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.195	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:30	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.190	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:30	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.139	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:30	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.712	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:30	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.36	5.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:30	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:30	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.686	2.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:30	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.202	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:30	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.783	2.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:30	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.222	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:30	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*112 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*116 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*107 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*118 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*125 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*91.3 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*79.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*76.1 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*98.3 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*132 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*95.9 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*108 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*134 %*	*25-150*

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*143 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*312 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*178 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*110 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*334 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*88.4 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*65.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*37.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*35.2 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.3 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:23	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*	*30-120*

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0225	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:10	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0225	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:10	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0225	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:10	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*76.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6850**		mg/kg dry	4.74	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.37	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.32**		mg/kg dry	1.42	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**283**		mg/kg dry	2.37	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.048	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.342**		mg/kg dry	0.285	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**36400**		mg/kg dry	4.74	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.4**		mg/kg dry	0.475	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.81**		mg/kg dry	0.379	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**52.1**		mg/kg dry	1.90	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15900**		mg/kg dry	23.7	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**160**		mg/kg dry	0.475	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**5020**		mg/kg dry	4.75	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**173**		mg/kg dry	0.475	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**15.0**		mg/kg dry	0.945	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**440**	B	mg/kg dry	4.75	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.37	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.478	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**166**		mg/kg dry	47.4	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.37	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**26.7**		mg/kg dry	0.945	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**127**		mg/kg dry	2.36	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.337**		mg/kg dry	0.0342	1	EPA 7473	09/10/2024 13:41	09/11/2024 15:48	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.569	1	EPA 7196A	09/09/2024 09:16	09/09/2024 18:06	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.4**		mg/kg	0.500	1	Calculation	09/11/2024 13:51	09/11/2024 15:13	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.569	1	EPA 9014/9010C	09/09/2024 08:09	09/09/2024 12:10	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.8**		%	0.100	1	SM 2540G	09/09/2024 07:41	09/09/2024 14:44	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.024**		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.072**		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0061	0.012	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE, ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE, ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.5 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0905	0.181	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0905	0.181	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.0702**	J	mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND	CCVE	mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*40.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*50.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	09/09/2024 13:20	09/10/2024 16:04	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*63.2 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.120	0.192	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0574	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.198	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.278**		ug/kg dry	0.186	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.201	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.205	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.176	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.433	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.644	0.823	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.817	0.831	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.866	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.385	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.209	0.433	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0671	0.433	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.433	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.203	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.644	0.812	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.658	0.866	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:47	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.337	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:47	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.266	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:47	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.188	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:47	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.183	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:47	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:47	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.686	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:47	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.27	5.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:47	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.62	5.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:47	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.661	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:47	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:47	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.754	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:47	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:47	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*105 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*112 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*106 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*125 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*128 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*109 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*89.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.6 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*96.9 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*119 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*96.8 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*101 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*124 %*	*25-150*

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*137 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*257 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*153 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*110 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*290 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*70.2 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*59.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*34.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*31.4 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:37	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.5 %*	*30-120*

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0218	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:17	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0218	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:17	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0218	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:17	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*95.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7100**		mg/kg dry	4.58	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.29	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.83**		mg/kg dry	1.37	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**37.8**		mg/kg dry	2.29	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.275	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**6100**		mg/kg dry	4.58	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.4**		mg/kg dry	0.459	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.33**		mg/kg dry	0.366	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**33.3**		mg/kg dry	1.83	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**17400**		mg/kg dry	22.9	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**52.8**		mg/kg dry	0.459	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1830**		mg/kg dry	4.59	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**141**		mg/kg dry	0.459	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**16.5**		mg/kg dry	0.913	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**348**	B	mg/kg dry	4.59	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.462	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**56.8**		mg/kg dry	45.8	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.29	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**17.5**		mg/kg dry	0.913	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**48.3**		mg/kg dry	2.28	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.392**		mg/kg dry	0.0330	1	EPA 7473	09/07/2024 08:15	09/07/2024 16:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.550	1	EPA 7196A	09/09/2024 09:16	09/09/2024 18:06	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**13.4**		mg/kg	0.500	1	Calculation	09/11/2024 13:51	09/11/2024 15:13	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.550	1	EPA 9014/9010C	09/09/2024 08:09	09/09/2024 12:10	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.9**		%	0.100	1	SM 2540G	09/09/2024 07:41	09/09/2024 14:44	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.066	0.13	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0066	0.013	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE, ICVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE, ICVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0099	0.020	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.110	0.220	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.221	0.441	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.221	0.441	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.110	0.220	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND	CCVE	mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.221	0.441	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*49.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*86.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.3 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	09/09/2024 13:20	09/10/2024 16:22	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*63.7 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.147	0.235	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0704	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.140	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.238	0.243	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.229	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.222	0.247	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.251	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.254	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.263	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.217	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.166	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.137	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.197	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.258	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.145	0.532	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.194	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.206	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.254	0.256	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.791	1.01	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.00	1.02	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.145	1.06	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.185	0.473	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.256	0.532	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0824	0.532	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.128	0.532	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.209	0.250	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.791	0.997	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.808	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:03	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.413	1.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:03	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.327	0.994	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:03	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.231	1.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:03	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.225	0.258	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:03	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.165	0.255	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:03	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.842	1.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:03	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.79	6.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:03	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.99	6.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:03	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.812	2.66	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:03	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.239	0.266	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:03	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.926	2.66	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:03	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.263	0.266	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:03	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*117 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*117 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*106 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*125 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*129 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*88.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*7.77 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*145 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*104 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*131 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*153 %*	PFSu-H	*25-150*

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*160 %*	PFSu-H		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*377 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*213 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*122 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*383 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*93.1 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*74.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*112 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*46.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*42.5 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0219	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0219	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0219	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0219	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0219	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0219	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0219	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0219	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:51	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.0 %*	*30-120*

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0267	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:24	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0267	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:24	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0267	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:24	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*87.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6520**		mg/kg dry	5.61	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.81	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.33**		mg/kg dry	1.68	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**140**		mg/kg dry	2.80	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.112**		mg/kg dry	0.057	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.573**		mg/kg dry	0.337	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2180**		mg/kg dry	5.61	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.6**		mg/kg dry	0.562	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.78**		mg/kg dry	0.449	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**55.6**		mg/kg dry	2.25	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**19000**		mg/kg dry	28.1	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**311**		mg/kg dry	0.562	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1360**		mg/kg dry	5.62	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**207**		mg/kg dry	0.562	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**15.4**		mg/kg dry	1.12	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**409**	B	mg/kg dry	5.62	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.81	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.566	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**154**		mg/kg dry	56.1	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.81	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**26.2**		mg/kg dry	1.12	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**257**		mg/kg dry	2.80	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.534**		mg/kg dry	0.0404	1	EPA 7473	09/07/2024 08:15	09/07/2024 16:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.674	1	EPA 7196A	09/09/2024 09:16	09/09/2024 18:06	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**13.6**		mg/kg	0.500	1	Calculation	09/11/2024 13:51	09/11/2024 15:13	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.674	1	EPA 9014/9010C	09/09/2024 08:09	09/09/2024 12:10	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**74.2**		%	0.100	1	SM 2540G	09/09/2024 07:41	09/09/2024 14:44	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE, ICVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE, ICVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.9 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0948	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.190	0.380	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.380	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0948	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.190	0.380	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*41.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*37.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*40.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*63.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	09/09/2024 13:20	09/10/2024 16:39	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*53.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.126	0.201	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0603	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.204	0.208	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.196	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.190	0.212	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.215	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.217	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.225	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.186	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.142	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.117	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.168	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.221	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.124	0.455	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.166	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.176	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.217	0.220	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.677	0.865	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.859	0.874	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.124	0.911	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.158	0.405	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.220	0.455	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0706	0.455	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.109	0.455	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.179	0.214	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.677	0.854	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.692	0.911	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:19	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.354	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:19	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.280	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:19	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.198	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:19	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.192	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:19	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.141	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:19	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.722	1.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:19	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.39	5.69	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:19	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.71	5.69	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:19	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.695	2.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:19	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.205	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:19	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.793	2.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:19	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.225	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:19	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*110 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*96.5 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*105 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*118 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*116 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*68.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*53.5 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*90.3 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*123 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*86.7 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*91.5 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*111 %*	*25-150*

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*118 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*238 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*141 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*104 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*282 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*56.7 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*47.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*29.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*27.4 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:05	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.5 %*	*30-120*

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0226	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:31	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0226	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:31	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0226	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:31	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*93.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4480**		mg/kg dry	4.75	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.38	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.43	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**9.36**		mg/kg dry	2.37	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.048	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.285	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**969**		mg/kg dry	4.75	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**10.2**		mg/kg dry	0.476	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.06**		mg/kg dry	0.380	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**9.72**		mg/kg dry	1.90	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**7640**		mg/kg dry	23.8	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.67**		mg/kg dry	0.476	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2720**		mg/kg dry	4.76	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**59.4**		mg/kg dry	0.476	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**21.7**		mg/kg dry	0.947	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**404**	B	mg/kg dry	4.76	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.38	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.479	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**70.7**		mg/kg dry	47.5	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.38	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.1**		mg/kg dry	0.947	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**17.1**		mg/kg dry	2.37	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0342	1	EPA 7473	09/07/2024 08:15	09/07/2024 16:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.570	1	EPA 7196A	09/09/2024 09:16	09/09/2024 18:06	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**10.2**		mg/kg	0.500	1	Calculation	09/11/2024 13:51	09/11/2024 15:13	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.570	1	EPA 9014/9010C	09/09/2024 08:09	09/09/2024 12:10	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.7**		%	0.100	1	SM 2540G	09/09/2024 07:41	09/09/2024 14:44	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE, ICVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE, ICVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.7 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.194	0.389	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.194	0.389	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.194	0.389	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*49.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	09/09/2024 13:20	09/10/2024 16:56	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*54.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:35	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0617	0.233	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:35	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.233	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:35	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.209	0.213	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:35	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.200	0.233	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:35	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:35	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.220	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.223	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.231	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.190	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.146	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.120	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.172	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.226	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.466	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.170	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.181	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.693	0.885	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.880	0.895	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.127	0.932	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.162	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.225	0.466	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0722	0.466	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.112	0.466	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.183	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.693	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.708	0.932	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.362	0.881	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.287	0.871	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.203	0.881	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.197	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.144	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.739	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.44	5.83	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.75	5.83	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.712	2.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.210	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.812	2.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.231	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*128 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*120 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*113 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*148 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*151 %*	PFSu-H	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*113 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*95.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*116 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*133 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*108 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*118 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*138 %*		*25-150*

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*159 %*	PFSu-H		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*207 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*146 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*111 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*255 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*82.1 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*71.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*44.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*38.4 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:18	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.0 %*	*30-120*

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0232	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0232	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0232	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*95.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8070**		mg/kg dry	4.86	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.43	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.68**		mg/kg dry	1.46	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**71.5**		mg/kg dry	2.43	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.049	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.292	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2750**		mg/kg dry	4.86	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.7**		mg/kg dry	0.487	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.71**		mg/kg dry	0.389	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**15.1**		mg/kg dry	1.95	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**11000**		mg/kg dry	24.3	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**42.6**		mg/kg dry	0.487	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1940**		mg/kg dry	4.87	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**69.6**		mg/kg dry	0.487	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**14.7**		mg/kg dry	0.969	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**461**	B	mg/kg dry	4.87	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.43	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.490	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**74.6**		mg/kg dry	48.6	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.43	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.5**		mg/kg dry	0.969	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**86.3**		mg/kg dry	2.42	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.180**		mg/kg dry	0.0350	1	EPA 7473	09/07/2024 08:15	09/07/2024 16:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.584	1	EPA 7196A	09/09/2024 09:16	09/09/2024 18:06	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**15.7**		mg/kg	0.500	1	Calculation	09/11/2024 13:51	09/11/2024 15:13	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.584	1	EPA 9014/9010C	09/09/2024 08:09	09/09/2024 12:10	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.7**		%	0.100	1	SM 2540G	09/09/2024 07:41	09/09/2024 14:44	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TB_09052024 **York Sample ID:** 24I0233-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Water	September 5, 2024 1:45 pm	09/05/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	ug/L	0.222	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09052024 **York Sample ID:** 24I0233-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Water	September 5, 2024 1:45 pm	09/05/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE	ug/L	0.421	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**2.09**		ug/L	1.34	2.00	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**2.70**		ug/L	0.422	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, ICVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09052024 **York Sample ID:** 24I0233-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Water	September 5, 2024 1:45 pm	09/05/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	QL-02, ICVE	ug/L	0.491	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_09052024 **York Sample ID:** 24I0233-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Water	September 5, 2024 1:45 pm	09/05/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.3 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.5 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*83.7 %*	*70-130*

Analytical Batch Summary

Batch ID: BI40322 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/06/24
24I0233-02	PE34_15	09/06/24
24I0233-03	PE40_15	09/06/24
24I0233-04	PE32_15	09/06/24
24I0233-05	PE16_15	09/06/24
BI40322-BLK1	Blank	09/06/24
BI40322-BS1	LCS	09/06/24

Batch ID: BI40382 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-02	PE34_15	09/07/24
24I0233-03	PE40_15	09/07/24
24I0233-04	PE32_15	09/07/24
24I0233-05	PE16_15	09/07/24
BI40382-BLK1	Blank	09/07/24
BI40382-SRM1	Reference	09/07/24

Batch ID: BI40412 **Preparation Method:** % Solids Prep **Prepared By:** TCD

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/09/24
24I0233-02	PE34_15	09/09/24
24I0233-03	PE40_15	09/09/24
24I0233-04	PE32_15	09/09/24
24I0233-05	PE16_15	09/09/24

Batch ID: BI40417 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/09/24
24I0233-02	PE34_15	09/09/24
24I0233-03	PE40_15	09/09/24
24I0233-04	PE32_15	09/09/24
24I0233-05	PE16_15	09/09/24
BI40417-BLK1	Blank	09/09/24
BI40417-SRM1	Reference	09/09/24

Batch ID: BI40431 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/09/24
24I0233-01	PE33_15	09/09/24

24I0233-02	PE34_15	09/09/24
24I0233-02	PE34_15	09/09/24
24I0233-03	PE40_15	09/09/24
24I0233-03	PE40_15	09/09/24
24I0233-04	PE32_15	09/09/24
24I0233-04	PE32_15	09/09/24
24I0233-05	PE16_15	09/09/24
24I0233-05	PE16_15	09/09/24
BI40431-BLK1	Blank	09/09/24
BI40431-BLK2	Blank	09/09/24
BI40431-BS1	LCS	09/09/24
BI40431-BS2	LCS	09/09/24

Batch ID: BI40441 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/09/24
24I0233-02	PE34_15	09/09/24
24I0233-03	PE40_15	09/09/24
24I0233-04	PE32_15	09/09/24
24I0233-05	PE16_15	09/09/24
BI40441-BLK1	Blank	09/09/24
BI40441-SRM1	Reference	09/09/24

Batch ID: BI40456 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/09/24
24I0233-02	PE34_15	09/09/24
24I0233-03	PE40_15	09/09/24
24I0233-04	PE32_15	09/09/24
24I0233-05	PE16_15	09/09/24
BI40456-BLK1	Blank	09/09/24
BI40456-BS1	LCS	09/09/24

Batch ID: BI40457 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-05	PE16_15	09/09/24
BI40457-BLK1	Blank	09/09/24
BI40457-BS1	LCS	09/09/24

Batch ID: BI40488 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/06/24
24I0233-02	PE34_15	09/06/24
24I0233-03	PE40_15	09/06/24
24I0233-04	PE32_15	09/06/24

24I0233-05	PE16_15	09/06/24
BI40488-BLK1	Blank	09/06/24
BI40488-BS1	LCS	09/06/24
BI40488-BSD1	LCS Dup	09/06/24

Batch ID: BI40519 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/10/24
24I0233-02	PE34_15	09/10/24
24I0233-03	PE40_15	09/10/24
24I0233-04	PE32_15	09/10/24
BI40519-BLK1	Blank	09/10/24
BI40519-BS1	LCS	09/10/24

Batch ID: BI40558 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/10/24
BI40558-BLK1	Blank	09/10/24
BI40558-SRM1	Reference	09/10/24

Batch ID: BI40566 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/10/24
24I0233-02	PE34_15	09/10/24
24I0233-03	PE40_15	09/10/24
24I0233-04	PE32_15	09/10/24
24I0233-05	PE16_15	09/10/24
BI40566-BLK1	Blank	09/10/24
BI40566-SRM1	Reference	09/10/24

Batch ID: BI40660 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/11/24
24I0233-02	PE34_15	09/11/24
24I0233-03	PE40_15	09/11/24
24I0233-04	PE32_15	09/11/24
24I0233-05	PE16_15	09/11/24

Batch ID: BI40676 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-06	TB_09052024	09/10/24
BI40676-BLK1	Blank	09/10/24
BI40676-BS1	LCS	09/10/24

BI40676-BSD1	LCS Dup	09/10/24

Batch ID: BI40777 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/12/24
24I0233-02	PE34_15	09/12/24
24I0233-03	PE40_15	09/12/24
24I0233-04	PE32_15	09/12/24
24I0233-05	PE16_15	09/12/24
BI40777-BLK1	Blank	09/12/24
BI40777-BS1	LCS	09/12/24
BI40777-BS2	LCS	09/12/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40488 - EPA 5035A											
Blank (BI40488-BLK1) Blank									Prepared & Analyzed: 09/06/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40488 - EPA 5035A											
Blank (BI40488-BLK1) Blank								Prepared & Analyzed: 09/06/2024			
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*97.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.8*		*"*	*50.0*		*95.7*	*76-130*				
LCS (BI40488-BS1) LCS								Prepared & Analyzed: 09/06/2024			
1,1,1,2-Tetrachloroethane	50.2		ug/L	50.0		100	75-129			30	
1,1,1-Trichloroethane	47.8		"	50.0		95.7	70-130			30	
1,1,2,2-Tetrachloroethane	45.9		"	50.0		91.9	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.5		"	50.0		101	70-130			30	
1,1,2-Trichloroethane	48.3		"	50.0		96.7	70-130			30	
1,1-Dichloroethane	47.2		"	50.0		94.4	70-130			30	
1,1-Dichloroethylene	53.1		"	50.0		106	70-130			30	
1,1-Dichloropropylene	52.7		"	50.0		105	77-127			30	
1,2,3-Trichlorobenzene	46.4		"	50.0		92.8	70-130			30	
1,2,3-Trichloropropane	46.4		"	50.0		92.7	81-126			30	
1,2,4-Trichlorobenzene	48.5		"	50.0		96.9	70-130			30	
1,2,4-Trimethylbenzene	52.0		"	50.0		104	84-125			30	
1,2-Dibromo-3-chloropropane	43.2		"	50.0		86.4	40-160			30	
1,2-Dibromoethane	45.7		"	50.0		91.4	70-130			30	
1,2-Dichlorobenzene	46.0		"	50.0		92.0	70-130			30	
1,2-Dichloroethane	48.0		"	50.0		96.0	70-130			30	
1,2-Dichloropropane	52.8		"	50.0		106	70-130			30	
1,3,5-Trimethylbenzene	49.3		"	50.0		98.7	82-126			30	
1,3-Dichlorobenzene	46.7		"	50.0		93.5	70-130			30	
1,3-Dichloropropane	49.2		"	50.0		98.5	83-123			30	
1,4-Dichlorobenzene	46.1		"	50.0		92.1	70-130			30	
1,4-Dioxane	809		"	1050		77.0	40-160			30	
2,2-Dichloropropane	51.8		"	50.0		104	67-136			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40488 - EPA 5035A											
LCS (BI40488-BS1) LCS							Prepared & Analyzed: 09/06/2024				
2-Butanone	50.3		ug/L	50.0		101	40-160			30	
2-Chlorotoluene	48.2		"	50.0		96.3	78-127			30	
2-Hexanone	45.4		"	50.0		90.8	40-160			30	
4-Chlorotoluene	45.1		"	50.0		90.3	79-125			30	
4-Methyl-2-pentanone	42.3		"	50.0		84.6	40-160			30	
Acetone	42.1		"	50.0		84.3	40-160			30	
Acrolein	17.8		"	50.0		35.6	10-238			30	
Acrylonitrile	54.8		"	50.0		110	66-141			30	
Benzene	51.0		"	50.0		102	70-130			30	
Bromobenzene	46.2		"	50.0		92.4	77-129			30	
Bromochloromethane	50.1		"	50.0		100	70-130			30	
Bromodichloromethane	49.0		"	50.0		97.9	70-130			30	
Bromoform	48.6		"	50.0		97.2	70-130			30	
Bromomethane	41.4		"	50.0		82.8	40-160			30	
Carbon disulfide	53.0		"	50.0		106	40-160			30	
Carbon tetrachloride	52.4		"	50.0		105	70-130			30	
Chlorobenzene	49.3		"	50.0		98.6	70-130			30	
Chloroethane	45.6		"	50.0		91.2	51-142			30	
Chloroform	48.3		"	50.0		96.5	70-130			30	
Chloromethane	40.6		"	50.0		81.3	49-132			30	
cis-1,2-Dichloroethylene	44.9		"	50.0		89.8	70-130			30	
cis-1,3-Dichloropropylene	51.9		"	50.0		104	70-130			30	
Cyclohexane	52.0		"	50.0		104	70-130			30	
Dibromochloromethane	47.6		"	50.0		95.1	70-130			30	
Dibromomethane	46.8		"	50.0		93.6	83-124			30	
Dichlorodifluoromethane	30.5		"	50.0		61.0	40-160			30	
Ethyl Benzene	49.9		"	50.0		99.8	70-130			30	
Hexachlorobutadiene	50.4		"	50.0		101	83-133			30	
Isopropylbenzene	49.4		"	50.0		98.9	70-130			30	
Methyl acetate	44.8		"	50.0		89.6	70-130			30	
Methyl tert-butyl ether (MTBE)	47.3		"	50.0		94.6	70-130			30	
Methylcyclohexane	46.7		"	50.0		93.3	70-130			30	
Methylene chloride	49.7		"	50.0		99.4	70-130			30	
n-Butylbenzene	48.7		"	50.0		97.5	80-130			30	
n-Propylbenzene	49.2		"	50.0		98.3	74-136			30	
o-Xylene	48.6		"	50.0		97.3	70-130			30	
p- & m- Xylenes	98.6		"	100		98.6	70-130			30	
p-Isopropyltoluene	50.3		"	50.0		101	85-125			30	
sec-Butylbenzene	48.4		"	50.0		96.9	83-125			30	
Styrene	49.7		"	50.0		99.5	70-130			30	
tert-Butyl alcohol (TBA)	195		"	250		78.1	70-130			30	
tert-Butylbenzene	47.4		"	50.0		94.7	80-127			30	
Tetrachloroethylene	46.2		"	50.0		92.5	70-130			30	
Toluene	48.6		"	50.0		97.1	70-130			30	
trans-1,2-Dichloroethylene	47.9		"	50.0		95.7	70-130			30	
trans-1,3-Dichloropropylene	47.5		"	50.0		95.1	70-130			30	
Trichloroethylene	49.2		"	50.0		98.4	70-130			30	
Trichlorofluoromethane	44.2		"	50.0		88.5	40-160			30	
Vinyl Chloride	40.9		"	50.0		81.8	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*98.9*	*85-120*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40488 - EPA 5035A											
LCS (BI40488-BS1) LCS								Prepared & Analyzed: 09/06/2024			
Surrogate: SURR: p-Bromofluorobenzene	*48.7*		*ug/L*	*50.0*		*97.3*	*76-130*				
LCS Dup (BI40488-BSD1) LCS Dup								Prepared & Analyzed: 09/06/2024			
1,1,1,2-Tetrachloroethane	55.3		ug/L	50.0		111	75-129		9.69	30	
1,1,1-Trichloroethane	52.4		"	50.0		105	70-130		9.17	30	
1,1,2,2-Tetrachloroethane	50.9		"	50.0		102	70-130		10.2	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.7		"	50.0		101	70-130		0.455	30	
1,1,2-Trichloroethane	53.5		"	50.0		107	70-130		10.2	30	
1,1-Dichloroethane	50.8		"	50.0		102	70-130		7.27	30	
1,1-Dichloroethylene	52.9		"	50.0		106	70-130		0.377	30	
1,1-Dichloropropylene	53.2		"	50.0		106	77-127		0.887	30	
1,2,3-Trichlorobenzene	52.5		"	50.0		105	70-130		12.3	30	
1,2,3-Trichloropropane	55.2		"	50.0		110	81-126		17.3	30	
1,2,4-Trichlorobenzene	52.1		"	50.0		104	70-130		7.28	30	
1,2,4-Trimethylbenzene	53.6		"	50.0		107	84-125		2.94	30	
1,2-Dibromo-3-chloropropane	46.0		"	50.0		91.9	40-160		6.17	30	
1,2-Dibromoethane	52.2		"	50.0		104	70-130		13.2	30	
1,2-Dichlorobenzene	50.1		"	50.0		100	70-130		8.45	30	
1,2-Dichloroethane	52.7		"	50.0		105	70-130		9.41	30	
1,2-Dichloropropane	54.4		"	50.0		109	70-130		2.97	30	
1,3,5-Trimethylbenzene	51.2		"	50.0		102	82-126		3.80	30	
1,3-Dichlorobenzene	51.1		"	50.0		102	70-130		8.91	30	
1,3-Dichloropropane	51.7		"	50.0		103	83-123		4.80	30	
1,4-Dichlorobenzene	49.2		"	50.0		98.5	70-130		6.65	30	
1,4-Dioxane	999		"	1050		95.2	40-160		21.1	30	
2,2-Dichloropropane	54.2		"	50.0		108	67-136		4.53	30	
2-Butanone	49.3		"	50.0		98.6	40-160		1.95	30	
2-Chlorotoluene	51.1		"	50.0		102	78-127		5.96	30	
2-Hexanone	52.4		"	50.0		105	40-160		14.2	30	
4-Chlorotoluene	47.5		"	50.0		94.9	79-125		5.03	30	
4-Methyl-2-pentanone	49.4		"	50.0		98.7	40-160		15.5	30	
Acetone	48.3		"	50.0		96.6	40-160		13.6	30	
Acrolein	11.4		"	50.0		22.9	10-238		43.4	30	Non-dir.
Acrylonitrile	57.4		"	50.0		115	66-141		4.56	30	
Benzene	55.1		"	50.0		110	70-130		7.86	30	
Bromobenzene	49.7		"	50.0		99.4	77-129		7.30	30	
Bromochloromethane	52.1		"	50.0		104	70-130		3.99	30	
Bromodichloromethane	52.1		"	50.0		104	70-130		6.16	30	
Bromoform	52.3		"	50.0		105	70-130		7.34	30	
Bromomethane	44.7		"	50.0		89.5	40-160		7.68	30	
Carbon disulfide	54.4		"	50.0		109	40-160		2.57	30	
Carbon tetrachloride	54.3		"	50.0		109	70-130		3.62	30	
Chlorobenzene	51.1		"	50.0		102	70-130		3.62	30	
Chloroethane	45.6		"	50.0		91.3	51-142		0.0438	30	
Chloroform	54.3		"	50.0		109	70-130		11.9	30	
Chloromethane	41.5		"	50.0		83.0	49-132		2.12	30	
cis-1,2-Dichloroethylene	57.5		"	50.0		115	70-130		24.6	30	
cis-1,3-Dichloropropylene	52.3		"	50.0		105	70-130		0.767	30	
Cyclohexane	54.1		"	50.0		108	70-130		3.96	30	
Dibromochloromethane	51.4		"	50.0		103	70-130		7.78	30	
Dibromomethane	47.6		"	50.0		95.3	83-124		1.80	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40488 - EPA 5035A											
LCS Dup (BI40488-BSD1) LCS Dup							Prepared & Analyzed: 09/06/2024				
Dichlorodifluoromethane	29.7		ug/L	50.0		59.3	40-160		2.76	30	
Ethyl Benzene	53.8		"	50.0		108	70-130		7.52	30	
Hexachlorobutadiene	51.0		"	50.0		102	83-133		1.12	30	
Isopropylbenzene	51.6		"	50.0		103	70-130		4.24	30	
Methyl acetate	49.8		"	50.0		99.6	70-130		10.5	30	
Methyl tert-butyl ether (MTBE)	52.2		"	50.0		104	70-130		9.83	30	
Methylcyclohexane	51.3		"	50.0		103	70-130		9.47	30	
Methylene chloride	52.1		"	50.0		104	70-130		4.68	30	
n-Butylbenzene	51.6		"	50.0		103	80-130		5.60	30	
n-Propylbenzene	52.0		"	50.0		104	74-136		5.63	30	
o-Xylene	51.2		"	50.0		102	70-130		5.03	30	
p- & m- Xylenes	104		"	100		104	70-130		5.03	30	
p-Isopropyltoluene	52.3		"	50.0		105	85-125		3.96	30	
sec-Butylbenzene	50.8		"	50.0		102	83-125		4.80	30	
Styrene	52.7		"	50.0		105	70-130		5.84	30	
tert-Butyl alcohol (TBA)	238		"	250		95.0	70-130		19.5	30	
tert-Butylbenzene	49.8		"	50.0		99.6	80-127		5.04	30	
Tetrachloroethylene	47.5		"	50.0		94.9	70-130		2.63	30	
Toluene	50.9		"	50.0		102	70-130		4.65	30	
trans-1,2-Dichloroethylene	52.0		"	50.0		104	70-130		8.17	30	
trans-1,3-Dichloropropylene	50.8		"	50.0		102	70-130		6.61	30	
Trichloroethylene	51.1		"	50.0		102	70-130		3.73	30	
Trichlorofluoromethane	44.9		"	50.0		89.9	40-160		1.55	30	
Vinyl Chloride	43.3		"	50.0		86.6	70-130		5.73	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.1*		*"*	*50.0*		*98.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*98.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
Blank (BI40676-BLK1) Blank									Prepared & Analyzed: 09/10/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	0.140	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
Blank (BI40676-BLK1) Blank								Prepared & Analyzed: 09/10/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.79*		*"*	*10.0*		*97.9*	*70-130*				
Surrogate: SURR: Toluene-d8	*8.59*		*"*	*10.0*		*85.9*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.02*		*"*	*10.0*		*90.2*	*70-130*				
LCS (BI40676-BS1) LCS								Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	9.59		ug/L	10.0		95.9	82-126			30	
1,1,1-Trichloroethane	11.0		"	10.0		110	70-130			20	
1,1,2,2-Tetrachloroethane	8.45		"	10.0		84.5	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	70-130			20	
1,1,2-Trichloroethane	8.79		"	10.0		87.9	70-130			20	
1,1-Dichloroethane	11.4		"	10.0		114	70-130			20	
1,1-Dichloroethylene	12.3		"	10.0		123	70-130			20	
1,1-Dichloropropylene	12.2		"	10.0		122	83-133			30	
1,2,3-Trichlorobenzene	7.08		"	10.0		70.8	70-130			20	
1,2,3-Trichloropropane	8.08		"	10.0		80.8	77-128			30	
1,2,4-Trichlorobenzene	7.63		"	10.0		76.3	70-130			20	
1,2,4-Trimethylbenzene	10.0		"	10.0		100	82-132			20	
1,2-Dibromo-3-chloropropane	6.56		"	10.0		65.6	40-160			20	
1,2-Dibromoethane	8.77		"	10.0		87.7	70-130			20	
1,2-Dichlorobenzene	8.99		"	10.0		89.9	70-130			20	
1,2-Dichloroethane	10.0		"	10.0		100	70-130			20	
1,2-Dichloropropane	10.0		"	10.0		100	70-130			20	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131			30	
1,3-Dichlorobenzene	9.43		"	10.0		94.3	70-130			20	
1,3-Dichloropropane	8.92		"	10.0		89.2	81-125			30	
1,4-Dichlorobenzene	9.07		"	10.0		90.7	70-130			20	
1,4-Dioxane	151		"	210		72.1	40-160			20	
2,2-Dichloropropane	12.0		"	10.0		120	56-150			30	
2-Butanone	6.13		"	10.0		61.3	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
LCS (BI40676-BS1) LCS								Prepared & Analyzed: 09/10/2024			
2-Chlorotoluene	10.0		ug/L	10.0		100	79-130			30	
2-Hexanone	7.07		"	10.0		70.7	40-160			20	
4-Chlorotoluene	9.99		"	10.0		99.9	79-128			30	
4-Methyl-2-pentanone	6.33		"	10.0		63.3	40-160			20	
Acetone	8.47		"	10.0		84.7	40-160			20	
Acrolein	2.41		"	10.0		24.1	10-153			30	
Acrylonitrile	9.04		"	10.0		90.4	51-150			30	
Benzene	12.2		"	10.0		122	70-130			20	
Bromobenzene	9.33		"	10.0		93.3	78-129			30	
Bromochloromethane	10.3		"	10.0		103	70-130			20	
Bromodichloromethane	8.69		"	10.0		86.9	70-130			20	
Bromoform	5.77		"	10.0		57.7	70-130	Low Bias		20	
Bromomethane	11.4		"	10.0		114	40-160			20	
Carbon disulfide	11.5		"	10.0		115	40-160			20	
Carbon tetrachloride	11.3		"	10.0		113	70-130			20	
Chlorobenzene	10.2		"	10.0		102	70-130			20	
Chloroethane	10.6		"	10.0		106	40-160			20	
Chloroform	11.0		"	10.0		110	70-130			20	
Chloromethane	12.7		"	10.0		127	40-160			20	
cis-1,2-Dichloroethylene	11.5		"	10.0		115	70-130			20	
cis-1,3-Dichloropropylene	8.88		"	10.0		88.8	70-130			20	
Cyclohexane	5.96		"	10.0		59.6	70-130	Low Bias		20	
Dibromochloromethane	8.10		"	10.0		81.0	70-130			20	
Dibromomethane	8.34		"	10.0		83.4	72-134			30	
Dichlorodifluoromethane	15.2		"	10.0		152	40-160			20	
Ethyl Benzene	11.1		"	10.0		111	70-130			20	
Hexachlorobutadiene	8.03		"	10.0		80.3	67-146			30	
Isopropylbenzene	10.8		"	10.0		108	70-130			20	
Methyl acetate	8.63		"	10.0		86.3	70-130			20	
Methyl tert-butyl ether (MTBE)	9.15		"	10.0		91.5	70-130			20	
Methylcyclohexane	10.3		"	10.0		103	70-130			20	
Methylene chloride	10.7		"	10.0		107	70-130			20	
n-Butylbenzene	9.84		"	10.0		98.4	79-132			30	
n-Propylbenzene	10.6		"	10.0		106	78-133			30	
o-Xylene	10.6		"	10.0		106	70-130			20	
p- & m- Xylenes	21.7		"	20.0		108	70-130			20	
p-Isopropyltoluene	10.5		"	10.0		105	81-136			30	
sec-Butylbenzene	10.2		"	10.0		102	79-137			30	
Styrene	11.0		"	10.0		110	70-130			20	
tert-Butyl alcohol (TBA)	22.7		"	50.0		45.5	25-162			30	
tert-Butylbenzene	9.12		"	10.0		91.2	77-138			30	
Tetrachloroethylene	10.3		"	10.0		103	70-130			20	
Toluene	10.5		"	10.0		105	70-130			20	
trans-1,2-Dichloroethylene	12.0		"	10.0		120	70-130			20	
trans-1,3-Dichloropropylene	8.26		"	10.0		82.6	70-130			20	
Trichloroethylene	10.3		"	10.0		103	70-130			20	
Trichlorofluoromethane	10.8		"	10.0		108	40-160			20	
Vinyl Chloride	12.0		"	10.0		120	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.31*		*"*	*10.0*		*83.1*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.14*		*"*	*10.0*		*91.4*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.52*		*"*	*10.0*		*95.2*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
LCS (BI40676-BS1) LCS								Prepared & Analyzed: 09/10/2024			
LCS Dup (BI40676-BSD1) LCS Dup								Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		5.18	30	
1,1,1-Trichloroethane	11.0		"	10.0		110	70-130		0.182	20	
1,1,2,2-Tetrachloroethane	9.56		"	10.0		95.6	70-130		12.3	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		"	10.0		118	70-130		1.85	20	
1,1,2-Trichloroethane	9.85		"	10.0		98.5	70-130		11.4	20	
1,1-Dichloroethane	11.4		"	10.0		114	70-130		0.351	20	
1,1-Dichloroethylene	12.0		"	10.0		120	70-130		2.22	20	
1,1-Dichloropropylene	12.1		"	10.0		121	83-133		0.578	30	
1,2,3-Trichlorobenzene	8.33		"	10.0		83.3	70-130		16.2	20	
1,2,3-Trichloropropane	9.18		"	10.0		91.8	77-128		12.7	30	
1,2,4-Trichlorobenzene	8.56		"	10.0		85.6	70-130		11.5	20	
1,2,4-Trimethylbenzene	9.73		"	10.0		97.3	82-132		2.84	20	
1,2-Dibromo-3-chloropropane	7.59		"	10.0		75.9	40-160		14.6	20	
1,2-Dibromoethane	9.70		"	10.0		97.0	70-130		10.1	20	
1,2-Dichlorobenzene	9.51		"	10.0		95.1	70-130		5.62	20	
1,2-Dichloroethane	11.3		"	10.0		113	70-130		11.7	20	
1,2-Dichloropropane	10.3		"	10.0		103	70-130		2.76	20	
1,3,5-Trimethylbenzene	9.89		"	10.0		98.9	80-131		4.64	30	
1,3-Dichlorobenzene	9.47		"	10.0		94.7	70-130		0.423	20	
1,3-Dichloropropane	9.95		"	10.0		99.5	81-125		10.9	30	
1,4-Dichlorobenzene	9.18		"	10.0		91.8	70-130		1.21	20	
1,4-Dioxane	193		"	210		92.1	40-160		24.3	20	Non-dir.
2,2-Dichloropropane	12.0		"	10.0		120	56-150		0.833	30	
2-Butanone	8.70		"	10.0		87.0	40-160		34.7	20	Non-dir.
2-Chlorotoluene	9.60		"	10.0		96.0	79-130		4.08	30	
2-Hexanone	9.06		"	10.0		90.6	40-160		24.7	20	Non-dir.
4-Chlorotoluene	9.81		"	10.0		98.1	79-128		1.82	30	
4-Methyl-2-pentanone	7.73		"	10.0		77.3	40-160		19.9	20	
Acetone	9.12		"	10.0		91.2	40-160		7.39	20	
Acrolein	2.56		"	10.0		25.6	10-153		6.04	30	
Acrylonitrile	11.3		"	10.0		113	51-150		22.0	30	
Benzene	12.5		"	10.0		125	70-130		2.58	20	
Bromobenzene	9.43		"	10.0		94.3	78-129		1.07	30	
Bromochloromethane	11.3		"	10.0		113	70-130		9.29	20	
Bromodichloromethane	9.01		"	10.0		90.1	70-130		3.62	20	
Bromoform	6.79		"	10.0		67.9	70-130	Low Bias	16.2	20	
Bromomethane	11.1		"	10.0		111	40-160		2.57	20	
Carbon disulfide	11.2		"	10.0		112	40-160		2.38	20	
Carbon tetrachloride	11.3		"	10.0		113	70-130		0.0886	20	
Chlorobenzene	10.2		"	10.0		102	70-130		0.685	20	
Chloroethane	10.3		"	10.0		103	40-160		2.68	20	
Chloroform	11.4		"	10.0		114	70-130		3.93	20	
Chloromethane	12.4		"	10.0		124	40-160		2.71	20	
cis-1,2-Dichloroethylene	11.8		"	10.0		118	70-130		3.35	20	
cis-1,3-Dichloropropylene	9.30		"	10.0		93.0	70-130		4.62	20	
Cyclohexane	5.92		"	10.0		59.2	70-130	Low Bias	0.673	20	
Dibromochloromethane	9.05		"	10.0		90.5	70-130		11.1	20	
Dibromomethane	9.45		"	10.0		94.5	72-134		12.5	30	
Dichlorodifluoromethane	14.8		"	10.0		148	40-160		2.34	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
LCS Dup (BI40676-BSD1) LCS Dup								Prepared & Analyzed: 09/10/2024			
Ethyl Benzene	10.9		ug/L	10.0		109	70-130		1.72	20	
Hexachlorobutadiene	8.38		"	10.0		83.8	67-146		4.27	30	
Isopropylbenzene	10.0		"	10.0		100	70-130		7.95	20	
Methyl acetate	10.6		"	10.0		106	70-130		20.2	20	Non-dir.
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	70-130		21.7	20	Non-dir.
Methylcyclohexane	9.76		"	10.0		97.6	70-130		5.09	20	
Methylene chloride	11.3		"	10.0		113	70-130		5.44	20	
n-Butylbenzene	9.65		"	10.0		96.5	79-132		1.95	30	
n-Propylbenzene	9.99		"	10.0		99.9	78-133		6.11	30	
o-Xylene	10.5		"	10.0		105	70-130		0.665	20	
p- & m- Xylenes	21.4		"	20.0		107	70-130		1.11	20	
p-Isopropyltoluene	10.1		"	10.0		101	81-136		3.89	30	
sec-Butylbenzene	9.83		"	10.0		98.3	79-137		4.18	30	
Styrene	11.4		"	10.0		114	70-130		2.77	20	
tert-Butyl alcohol (TBA)	33.3		"	50.0		66.6	25-162		37.7	30	Non-dir.
tert-Butylbenzene	8.53		"	10.0		85.3	77-138		6.69	30	
Tetrachloroethylene	9.94		"	10.0		99.4	70-130		3.36	20	
Toluene	10.2		"	10.0		102	70-130		2.99	20	
trans-1,2-Dichloroethylene	11.9		"	10.0		119	70-130		0.585	20	
trans-1,3-Dichloropropylene	9.31		"	10.0		93.1	70-130		12.0	20	
Trichloroethylene	9.66		"	10.0		96.6	70-130		6.12	20	
Trichlorofluoromethane	10.5		"	10.0		105	40-160		2.82	20	
Vinyl Chloride	11.7		"	10.0		117	70-130		2.86	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.33*		*"*	*10.0*		*93.3*	*70-130*				
Surrogate: SURR: Toluene-d8	*8.89*		*"*	*10.0*		*88.9*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.43*		*"*	*10.0*		*94.3*	*70-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40457 - EPA 3550C											
Blank (BI40457-BLK1) Blank									Prepared: 09/09/2024 Analyzed: 09/10/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40457 - EPA 3550C											
Blank (BI40457-BLK1) Blank									Prepared: 09/09/2024 Analyzed: 09/10/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.28*		"	*1.66*		*77.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.06*		"	*1.66*		*64.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.696*		"	*0.831*		*83.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.751*		"	*0.831*		*90.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.88*		"	*1.66*		*113*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.683*		"	*0.831*		*82.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40457 - EPA 3550C											
LCS (BI40457-BS1) LCS								Prepared: 09/09/2024 Analyzed: 09/10/2024			
1,1-Biphenyl	0.838	0.0416	mg/kg wet	0.831		101	18-111				
1,2,4,5-Tetrachlorobenzene	0.933	0.0830	"	0.831		112	21-131				
1,2,4-Trichlorobenzene	0.955	0.0416	"	0.831		115	10-140				
1,2-Dichlorobenzene	0.734	0.0416	"	0.831		88.3	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.662	0.0416	"	0.831		79.7	17-137				
1,3-Dichlorobenzene	0.755	0.0416	"	0.831		90.9	33-110				
1,4-Dichlorobenzene	0.755	0.0416	"	0.831		90.9	32-104				
2,3,4,6-Tetrachlorophenol	1.02	0.0830	"	0.831		123	30-130				
2,4,5-Trichlorophenol	1.02	0.0416	"	0.831		123	27-118	High Bias			
2,4,6-Trichlorophenol	0.978	0.0416	"	0.831		118	31-120				
2,4-Dichlorophenol	0.981	0.0416	"	0.831		118	20-127				
2,4-Dimethylphenol	0.747	0.0416	"	0.831		89.9	14-132				
2,4-Dinitrophenol	0.876	0.0830	"	0.831		106	10-171				
2,4-Dinitrotoluene	0.968	0.0416	"	0.831		117	34-131				
2,6-Dinitrotoluene	0.941	0.0416	"	0.831		113	31-128				
2-Chloronaphthalene	0.813	0.0416	"	0.831		97.9	31-117				
2-Chlorophenol	0.773	0.0416	"	0.831		93.1	33-113				
2-Methylnaphthalene	0.834	0.0416	"	0.831		100	12-138				
2-Methylphenol	0.686	0.0416	"	0.831		82.6	10-136				
2-Nitroaniline	0.845	0.0830	"	0.831		102	27-132				
2-Nitrophenol	0.888	0.0416	"	0.831		107	17-129				
3- & 4-Methylphenols	0.623	0.0416	"	0.831		75.0	29-103				
3,3-Dichlorobenzidine	0.738	0.0416	"	0.831		88.9	22-149				
3-Nitroaniline	0.736	0.0830	"	0.831		88.6	20-133				
4,6-Dinitro-2-methylphenol	1.19	0.0830	"	0.831		143	10-143				
4-Bromophenyl phenyl ether	0.967	0.0416	"	0.831		116	29-120				
4-Chloro-3-methylphenol	0.839	0.0416	"	0.831		101	24-129				
4-Chloroaniline	0.534	0.0416	"	0.831		64.3	10-132				
4-Chlorophenyl phenyl ether	0.939	0.0416	"	0.831		113	27-124				
4-Nitroaniline	0.770	0.0830	"	0.831		92.7	16-128				
4-Nitrophenol	0.785	0.0830	"	0.831		94.6	10-141				
Acenaphthene	0.763	0.0416	"	0.831		91.9	30-121				
Acenaphthylene	0.744	0.0416	"	0.831		89.6	30-115				
Acetophenone	0.675	0.0416	"	0.831		81.2	20-112				
Aniline	0.357	0.166	"	0.831		43.0	10-119				
Anthracene	0.850	0.0416	"	0.831		102	34-118				
Atrazine	0.937	0.0416	"	0.831		113	26-112	High Bias			
Benzaldehyde	0.377	0.0416	"	0.831		45.4	21-100				
Benzo(a)anthracene	0.858	0.0416	"	0.831		103	32-122				
Benzo(a)pyrene	1.03	0.0416	"	0.831		124	29-133				
Benzo(b)fluoranthene	0.915	0.0416	"	0.831		110	25-133				
Benzo(g,h,i)perylene	1.25	0.0416	"	0.831		150	10-143	High Bias			
Benzo(k)fluoranthene	0.918	0.0416	"	0.831		111	25-128				
Benzoic acid	0.873	0.0416	"	0.831		105	10-140				
Benzyl alcohol	0.646	0.0416	"	0.831		77.8	30-115				
Benzyl butyl phthalate	0.633	0.0416	"	0.831		76.2	26-126				
Bis(2-chloroethoxy)methane	0.698	0.0416	"	0.831		84.1	19-132				
Bis(2-chloroethyl)ether	0.603	0.0416	"	0.831		72.6	19-125				
Bis(2-chloroisopropyl)ether	0.490	0.0416	"	0.831		59.0	20-135				
Bis(2-ethylhexyl)phthalate	0.613	0.0416	"	0.831		73.8	10-155				
Caprolactam	1.02	0.0830	"	0.831		123	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40457 - EPA 3550C											
LCS (BI40457-BS1) LCS								Prepared: 09/09/2024 Analyzed: 09/10/2024			
Carbazole	0.841	0.0416	mg/kg wet	0.831		101	35-123				
Chrysene	0.845	0.0416	"	0.831		102	32-123				
Dibenzo(a,h)anthracene	1.53	0.0416	"	0.831		184	10-136	High Bias			
Dibenzofuran	0.837	0.0416	"	0.831		101	29-121				
Diethyl phthalate	0.881	0.0416	"	0.831		106	34-116				
Dimethyl phthalate	0.887	0.0416	"	0.831		107	35-124				
Di-n-butyl phthalate	0.828	0.0416	"	0.831		99.7	31-116				
Di-n-octyl phthalate	0.616	0.0416	"	0.831		74.2	26-136				
Fluoranthene	0.936	0.0416	"	0.831		113	33-122				
Fluorene	0.825	0.0416	"	0.831		99.4	29-123				
Hexachlorobenzene	0.825	0.0416	"	0.831		99.3	21-124				
Hexachlorobutadiene	1.07	0.0416	"	0.831		129	10-149				
Hexachlorocyclopentadiene	0.670	0.0416	"	0.831		80.7	10-129				
Hexachloroethane	0.743	0.0416	"	0.831		89.4	28-108				
Indeno(1,2,3-cd)pyrene	1.38	0.0416	"	0.831		166	10-135	High Bias			
Isophorone	0.701	0.0416	"	0.831		84.4	20-132				
Naphthalene	0.782	0.0416	"	0.831		94.2	23-124				
Nitrobenzene	0.746	0.0416	"	0.831		89.8	13-132				
N-Nitrosodimethylamine	0.533	0.0416	"	0.831		64.1	11-129				
N-nitroso-di-n-propylamine	0.594	0.0416	"	0.831		71.5	24-119				
N-Nitrosodiphenylamine	0.958	0.0416	"	0.831		115	22-152				
Pentachlorophenol	1.10	0.0416	"	0.831		133	10-139				
Phenanthrene	0.869	0.0416	"	0.831		105	33-123				
Phenol	0.663	0.0416	"	0.831		79.8	23-115				
Pyrene	0.743	0.0416	"	0.831		89.5	24-130				
Pyridine	0.461	0.166	"	0.831		55.5	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.44*		"	*1.66*		*86.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.24*		"	*1.66*		*74.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.777*		"	*0.831*		*93.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.843*		"	*0.831*		*102*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.23*		"	*1.66*		*135*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.809*		"	*0.831*		*97.4*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40519 - EPA 3550C											
Blank (BI40519-BLK1) Blank									Prepared & Analyzed: 09/10/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40519 - EPA 3550C											
Blank (BI40519-BLK1) Blank									Prepared & Analyzed: 09/10/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.45*		"	*1.66*		*87.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.43*		"	*1.66*		*86.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.723*		"	*0.831*		*87.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.751*		"	*0.831*		*90.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.29*		"	*1.66*		*138*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.912*		"	*0.831*		*110*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40519 - EPA 3550C											
LCS (BI40519-BS1) LCS							Prepared & Analyzed: 09/10/2024				
1,1-Biphenyl	0.554	0.0416	mg/kg wet	0.831		66.7	18-111				
1,2,4,5-Tetrachlorobenzene	0.580	0.0830	"	0.831		69.9	21-131				
1,2,4-Trichlorobenzene	0.628	0.0416	"	0.831		75.6	10-140				
1,2-Dichlorobenzene	0.549	0.0416	"	0.831		66.1	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.554	0.0416	"	0.831		66.7	17-137				
1,3-Dichlorobenzene	0.531	0.0416	"	0.831		63.9	33-110				
1,4-Dichlorobenzene	0.513	0.0416	"	0.831		61.8	32-104				
2,3,4,6-Tetrachlorophenol	0.718	0.0830	"	0.831		86.5	30-130				
2,4,5-Trichlorophenol	0.689	0.0416	"	0.831		83.0	27-118				
2,4,6-Trichlorophenol	0.708	0.0416	"	0.831		85.2	31-120				
2,4-Dichlorophenol	0.687	0.0416	"	0.831		82.8	20-127				
2,4-Dimethylphenol	0.628	0.0416	"	0.831		75.6	14-132				
2,4-Dinitrophenol	ND	0.0830	"	0.831			10-171	Low Bias			
2,4-Dinitrotoluene	0.542	0.0416	"	0.831		65.2	34-131				
2,6-Dinitrotoluene	0.566	0.0416	"	0.831		68.2	31-128				
2-Chloronaphthalene	0.577	0.0416	"	0.831		69.4	31-117				
2-Chlorophenol	0.607	0.0416	"	0.831		73.1	33-113				
2-Methylnaphthalene	0.659	0.0416	"	0.831		79.4	12-138				
2-Methylphenol	0.581	0.0416	"	0.831		70.0	10-136				
2-Nitroaniline	0.769	0.0830	"	0.831		92.6	27-132				
2-Nitrophenol	0.519	0.0416	"	0.831		62.5	17-129				
3- & 4-Methylphenols	0.516	0.0416	"	0.831		62.2	29-103				
3,3-Dichlorobenzidine	0.660	0.0416	"	0.831		79.4	22-149				
3-Nitroaniline	0.745	0.0830	"	0.831		89.7	20-133				
4,6-Dinitro-2-methylphenol	ND	0.0830	"	0.831			10-143	Low Bias			
4-Bromophenyl phenyl ether	0.678	0.0416	"	0.831		81.6	29-120				
4-Chloro-3-methylphenol	0.722	0.0416	"	0.831		87.0	24-129				
4-Chloroaniline	0.568	0.0416	"	0.831		68.4	10-132				
4-Chlorophenyl phenyl ether	0.616	0.0416	"	0.831		74.1	27-124				
4-Nitroaniline	0.762	0.0830	"	0.831		91.8	16-128				
4-Nitrophenol	0.571	0.0830	"	0.831		68.8	10-141				
Acenaphthene	0.540	0.0416	"	0.831		65.0	30-121				
Acenaphthylene	0.499	0.0416	"	0.831		60.1	30-115				
Acetophenone	0.582	0.0416	"	0.831		70.1	20-112				
Aniline	0.367	0.166	"	0.831		44.2	10-119				
Anthracene	0.599	0.0416	"	0.831		72.2	34-118				
Atrazine	0.615	0.0416	"	0.831		74.1	26-112				
Benzaldehyde	0.307	0.0416	"	0.831		37.0	21-100				
Benzo(a)anthracene	0.650	0.0416	"	0.831		78.3	32-122				
Benzo(a)pyrene	0.493	0.0416	"	0.831		59.4	29-133				
Benzo(b)fluoranthene	0.513	0.0416	"	0.831		61.8	25-133				
Benzo(g,h,i)perylene	0.504	0.0416	"	0.831		60.7	10-143				
Benzo(k)fluoranthene	0.524	0.0416	"	0.831		63.1	25-128				
Benzoic acid	0.0688	0.0416	"	0.831		8.28	10-140	Low Bias			
Benzyl alcohol	0.530	0.0416	"	0.831		63.8	30-115				
Benzyl butyl phthalate	0.605	0.0416	"	0.831		72.8	26-126				
Bis(2-chloroethoxy)methane	0.549	0.0416	"	0.831		66.1	19-132				
Bis(2-chloroethyl)ether	0.568	0.0416	"	0.831		68.4	19-125				
Bis(2-chloroisopropyl)ether	0.406	0.0416	"	0.831		48.8	20-135				
Bis(2-ethylhexyl)phthalate	0.548	0.0416	"	0.831		65.9	10-155				
Caprolactam	0.743	0.0830	"	0.831		89.5	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40519 - EPA 3550C											
LCS (BI40519-BS1) LCS							Prepared & Analyzed: 09/10/2024				
Carbazole	0.600	0.0416	mg/kg wet	0.831		72.2	35-123				
Chrysene	0.611	0.0416	"	0.831		73.6	32-123				
Dibenzo(a,h)anthracene	0.525	0.0416	"	0.831		63.2	10-136				
Dibenzofuran	0.568	0.0416	"	0.831		68.4	29-121				
Diethyl phthalate	0.545	0.0416	"	0.831		65.6	34-116				
Dimethyl phthalate	0.558	0.0416	"	0.831		67.2	35-124				
Di-n-butyl phthalate	0.571	0.0416	"	0.831		68.7	31-116				
Di-n-octyl phthalate	0.576	0.0416	"	0.831		69.3	26-136				
Fluoranthene	0.620	0.0416	"	0.831		74.6	33-122				
Fluorene	0.591	0.0416	"	0.831		71.2	29-123				
Hexachlorobenzene	0.650	0.0416	"	0.831		78.2	21-124				
Hexachlorobutadiene	0.670	0.0416	"	0.831		80.7	10-149				
Hexachlorocyclopentadiene	ND	0.0416	"	0.831			10-129	Low Bias			
Hexachloroethane	0.349	0.0416	"	0.831		42.0	28-108				
Indeno(1,2,3-cd)pyrene	0.629	0.0416	"	0.831		75.8	10-135				
Isophorone	0.583	0.0416	"	0.831		70.2	20-132				
Naphthalene	0.593	0.0416	"	0.831		71.4	23-124				
Nitrobenzene	0.585	0.0416	"	0.831		70.4	13-132				
N-Nitrosodimethylamine	0.387	0.0416	"	0.831		46.6	11-129				
N-nitroso-di-n-propylamine	0.492	0.0416	"	0.831		59.2	24-119				
N-Nitrosodiphenylamine	0.647	0.0416	"	0.831		77.9	22-152				
Pentachlorophenol	0.595	0.0416	"	0.831		71.6	10-139				
Phenanthrene	0.633	0.0416	"	0.831		76.2	33-123				
Phenol	0.584	0.0416	"	0.831		70.3	23-115				
Pyrene	0.632	0.0416	"	0.831		76.1	24-130				
Pyridine	0.371	0.166	"	0.831		44.7	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.08*		"	*1.66*		*64.9*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.08*		"	*1.66*		*65.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.632*		"	*0.831*		*76.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.573*		"	*0.831*		*69.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.55*		"	*1.66*		*93.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.685*		"	*0.831*		*82.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40456 - EPA 3550C											
Blank (BI40456-BLK1) Blank									Prepared: 09/09/2024 Analyzed: 09/10/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*372*		*"*	*495*		*75.1*	*39-127.5*				
LCS (BI40456-BS1) LCS									Prepared: 09/09/2024 Analyzed: 09/10/2024		
1,4-Dioxane	507	19.8	ug/kg	495		102	40-130				
Surrogate: 1,4-Dioxane-d8	*307*		*"*	*495*		*62.1*	*39-127.5*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40777 - EPA 1633 Prep											
Blank (BI40777-BLK1) Blank									Prepared: 09/12/2024 Analyzed: 09/15/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.174	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.748	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.756	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.787	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.350	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.738	"								
HFPO-DA (Gen-X)	ND	0.787	"								
11CL-PF3OUdS	ND	0.744	"								
9CL-PF3ONS	ND	0.736	"								
ADONA	ND	0.744	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.984	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.92	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.92	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.51*		"	*2.29*		*109*	*25-150*				
Surrogate: M5PFHxA	*2.82*		"	*2.46*		*115*	*25-150*				
Surrogate: M4PFHpA	*2.69*		"	*2.46*		*109*	*25-150*				
Surrogate: M3PFHxS	*2.65*		"	*2.33*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.81*		"	*2.46*		*114*	*25-150*				
Surrogate: M6PFDA	*1.68*		"	*1.23*		*137*	*25-150*				
Surrogate: M7PFUdA	*1.28*		"	*1.23*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.937*		"	*1.23*		*76.2*	*25-150*				
Surrogate: M2PFTeDA	*0.811*		"	*1.23*		*66.0*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40777 - EPA 1633 Prep											
Blank (BI40777-BLK1) Blank									Prepared: 09/12/2024 Analyzed: 09/15/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.41*		*ug/kg wet*	*9.84*		*65.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.79*		*"*	*2.36*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.78*		*"*	*4.92*		*97.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.74*		*"*	*2.46*		*111*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.17*		*"*	*4.92*		*105*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.82*		*"*	*4.92*		*118*	*25-150*				
Surrogate: M2-6:2 FTS	*10.8*		*"*	*4.68*		*230*	*25-200*				
Surrogate: M2-8:2 FTS	*5.61*		*"*	*4.72*		*119*	*25-200*				
Surrogate: M9PFNA	*1.27*		*"*	*1.23*		*103*	*25-150*				
Surrogate: M2-4:2 FTS	*14.4*		*"*	*4.62*		*312*	*25-150*				
Surrogate: d-N-MeFOSA	*2.42*		*"*	*2.46*		*98.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.87*		*"*	*2.46*		*75.9*	*25-150*				
Surrogate: M3HFPO-DA	*10.7*		*"*	*9.84*		*109*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.64*		*"*	*24.6*		*35.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*8.72*		*"*	*24.6*		*35.4*	*25-150*				
LCS (BI40777-BS1) LCS									Prepared: 09/12/2024 Analyzed: 09/15/2024		
Perfluorobutanesulfonic acid (PFBS)	3.31	0.175	ug/kg wet	3.50		94.3	50-150				
Perfluorohexanoic acid (PFHxA)	3.42	0.198	"	3.96		86.3	50-150				
Perfluoroheptanoic acid (PFHpA)	3.74	0.198	"	3.96		94.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.49	0.181	"	3.62		96.2	50-150				
Perfluorooctanoic acid (PFOA)	3.73	0.198	"	3.96		94.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.13	0.184	"	3.68		85.1	50-150				
Perfluorononanoic acid (PFNA)	3.40	0.198	"	3.96		85.9	50-150				
Perfluorodecanoic acid (PFDA)	3.20	0.198	"	3.96		80.8	50-150				
Perfluoroundecanoic acid (PFUnA)	3.68	0.198	"	3.96		92.9	50-150				
Perfluorododecanoic acid (PFDoA)	3.80	0.198	"	3.96		96.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.18	0.198	"	3.96		106	50-150				
Perfluorotetradecanoic acid (PFTA)	3.68	0.198	"	3.96		93.0	50-150				
N-MeFOSAA	3.83	0.198	"	3.96		96.8	50-150				
N-EtFOSAA	4.05	0.198	"	3.96		102	50-150				
Perfluoropentanoic acid (PFPeA)	7.48	0.396	"	7.92		94.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.17	0.198	"	3.96		80.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.80	0.198	"	3.78		100	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.74	0.191	"	3.82		71.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.4	0.752	"	15.0		95.6	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.3	0.760	"	15.2		94.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.2	0.792	"	15.8		96.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.93	0.352	"	7.05		113	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.57	0.396	"	7.92		70.4	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.31	0.396	"	7.92		92.2	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.25	0.396	"	7.92		104	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.32	0.186	"	3.72		89.2	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	12.4	0.743	"	14.9		83.5	50-150				
HFPO-DA (Gen-X)	9.45	0.792	"	7.92		119	50-150				
11CL-PF3OUdS	6.20	0.749	"	7.49		82.8	50-150				
9CL-PF3ONS	7.97	0.741	"	7.41		108	50-150				
ADONA	8.33	0.749	"	7.49		111	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40777 - EPA 1633 Prep											
LCS (BI40777-BS1) LCS								Prepared: 09/12/2024 Analyzed: 09/15/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.78	0.192	ug/kg wet	3.84		46.4	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	3.45	0.190	"	3.80		90.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	21.6	0.990	"	15.8		136	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	92.2	4.95	"	79.2		116	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	90.0	4.95	"	79.2		114	50-150				
N-MeFOSE	44.0	1.98	"	39.6		111	50-150				
N-MeFOSA	3.60	0.198	"	3.96		90.9	50-150				
N-EtFOSE	36.1	1.98	"	39.6		91.1	50-150				
N-EtFOSA	4.19	0.198	"	3.96		106	50-150				
Surrogate: M3PFBS	*2.77*		"	*2.31*		*120*	*25-150*				
Surrogate: M5PFHxA	*3.14*		"	*2.48*		*127*	*25-150*				
Surrogate: M4PFHpA	*3.27*		"	*2.48*		*132*	*25-150*				
Surrogate: M3PFHxS	*2.65*		"	*2.35*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.28*		"	*2.48*		*133*	*25-150*				
Surrogate: M6PFDA	*1.64*		"	*1.24*		*133*	*25-150*				
Surrogate: M7PFUdA	*1.17*		"	*1.24*		*94.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.04*		"	*1.24*		*84.2*	*25-150*				
Surrogate: M2PFTeDA	*0.822*		"	*1.24*		*66.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.9*		"	*9.90*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.04*		"	*2.37*		*128*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.62*		"	*4.95*		*114*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.02*		"	*2.48*		*122*	*10-150*				
Surrogate: d3-N-MeFOSAA	*6.10*		"	*4.95*		*123*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.87*		"	*4.95*		*119*	*25-150*				
Surrogate: M2-6:2 FTS	*12.1*		"	*4.71*		*258*	*25-200*				
Surrogate: M2-8:2 FTS	*6.90*		"	*4.75*		*145*	*25-200*				
Surrogate: M9PFNA	*1.50*		"	*1.24*		*121*	*25-150*				
Surrogate: M2-4:2 FTS	*15.8*		"	*4.64*		*339*	*25-150*				
Surrogate: d-N-MeFOSA	*2.64*		"	*2.48*		*107*	*25-150*				
Surrogate: d-N-EtFOSA	*2.11*		"	*2.48*		*85.2*	*25-150*				
Surrogate: M3HFPO-DA	*11.9*		"	*9.90*		*120*	*25-150*				
Surrogate: d9-N-EtFOSE	*11.0*		"	*24.8*		*44.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.2*		"	*24.8*		*41.1*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40777 - EPA 1633 Prep											
LCS (BI40777-BS2) LCS								Prepared: 09/12/2024 Analyzed: 09/15/2024			
Perfluorobutanesulfonic acid (PFBS)	0.583	0.177	ug/kg wet	0.707		82.5	50-150				
Perfluorohexanoic acid (PFHxA)	0.651	0.200	"	0.798		81.6	50-150				
Perfluoroheptanoic acid (PFHpA)	0.713	0.200	"	0.798		89.3	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.597	0.183	"	0.731		81.7	50-150				
Perfluorooctanoic acid (PFOA)	0.670	0.200	"	0.798		83.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.591	0.186	"	0.743		79.5	50-150				
Perfluorononanoic acid (PFNA)	0.582	0.200	"	0.798		72.9	50-150				
Perfluorodecanoic acid (PFDA)	0.628	0.200	"	0.798		78.6	50-150				
Perfluoroundecanoic acid (PFUnA)	0.660	0.200	"	0.798		82.6	50-150				
Perfluorododecanoic acid (PFDoA)	0.719	0.200	"	0.798		90.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.774	0.200	"	0.798		97.0	50-150				
Perfluorotetradecanoic acid (PFTA)	0.578	0.200	"	0.798		72.4	50-150				
N-MeFOSAA	0.749	0.200	"	0.798		93.8	50-150				
N-EtFOSAA	0.710	0.200	"	0.798		88.9	50-150				
Perfluoropentanoic acid (PFPeA)	1.39	0.399	"	1.60		87.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.622	0.200	"	0.798		77.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.656	0.200	"	0.762		86.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.430	0.193	"	0.770		55.8	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.83	0.758	"	3.03		93.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.05	0.766	"	3.07		99.4	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.82	0.798	"	3.19		88.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.43	0.355	"	1.42		101	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.05	0.399	"	1.60		65.6	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.33	0.399	"	1.60		83.5	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.57	0.399	"	1.60		98.3	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.662	0.188	"	0.750		88.2	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.41	0.749	"	2.99		80.6	50-150				
HFPO-DA (Gen-X)	1.57	0.798	"	1.60		98.1	50-150				
11CL-PF3OUdS	0.947	0.754	"	1.51		62.7	50-150				
9CL-PF3ONS	1.37	0.747	"	1.49		91.5	50-150				
ADONA	1.49	0.754	"	1.51		98.6	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.333	0.194	"	0.774		43.0	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.607	0.192	"	0.766		79.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	3.70	0.998	"	3.19		116	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	17.0	4.99	"	16.0		106	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	16.1	4.99	"	16.0		101	50-150				
N-MeFOSE	7.72	2.00	"	7.98		96.7	50-150				
N-MeFOSA	0.725	0.200	"	0.798		90.8	50-150				
N-EtFOSE	8.17	2.00	"	7.98		102	50-150				
N-EtFOSA	0.829	0.200	"	0.798		104	50-150				
Surrogate: M3PFBS	*2.67*		"	*2.33*		*115*	*25-150*				
Surrogate: M5PFHxA	*3.19*		"	*2.50*		*128*	*25-150*				
Surrogate: M4PFHpA	*3.07*		"	*2.50*		*123*	*25-150*				
Surrogate: M3PFHxS	*2.54*		"	*2.37*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.16*		"	*2.50*		*127*	*25-150*				
Surrogate: M6PFDA	*1.62*		"	*1.25*		*130*	*25-150*				
Surrogate: M7PFUdA	*1.33*		"	*1.25*		*107*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.00*		"	*1.25*		*80.2*	*25-150*				
Surrogate: M2PFTeDA	*0.850*		"	*1.25*		*68.1*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40777 - EPA 1633 Prep											
LCS (BI40777-BS2) LCS									Prepared: 09/12/2024 Analyzed: 09/15/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.9*		*ug/kg wet*	*9.98*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.09*		*"*	*2.39*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.60*		*"*	*4.99*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.87*		*"*	*2.50*		*115*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.74*		*"*	*4.99*		*115*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.95*		*"*	*4.99*		*119*	*25-150*				
Surrogate: M2-6:2 FTS	*10.6*		*"*	*4.75*		*224*	*25-200*				
Surrogate: M2-8:2 FTS	*5.54*		*"*	*4.79*		*116*	*25-200*				
Surrogate: M9PFNA	*1.55*		*"*	*1.25*		*124*	*25-150*				
Surrogate: M2-4:2 FTS	*13.8*		*"*	*4.68*		*294*	*25-150*				
Surrogate: d-N-MeFOSA	*2.29*		*"*	*2.50*		*91.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.78*		*"*	*2.50*		*71.2*	*25-150*				
Surrogate: M3HFPO-DA	*12.3*		*"*	*9.98*		*123*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.0*		*"*	*25.0*		*40.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.1*		*"*	*25.0*		*40.4*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40431 - EPA 3550C											
Blank (BI40431-BLK1) Blank									Prepared & Analyzed: 09/09/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0492*		*"*	*0.0664*		*74.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0609*		*"*	*0.0664*		*91.7*	*30-150*				
LCS (BI40431-BS1) LCS									Prepared & Analyzed: 09/09/2024		
4,4'-DDD	0.0275	0.00164	mg/kg wet	0.0332		82.6	40-140				
4,4'-DDE	0.0283	0.00164	"	0.0332		85.1	40-140				
4,4'-DDT	0.0261	0.00164	"	0.0332		78.5	40-140				
Aldrin	0.0298	0.00164	"	0.0332		89.7	40-140				
alpha-BHC	0.0302	0.00164	"	0.0332		90.8	40-140				
alpha-Chlordane	0.0305	0.00164	"	0.0332		91.7	40-140				
beta-BHC	0.0357	0.00164	"	0.0332		107	40-140				
delta-BHC	0.0291	0.00164	"	0.0332		87.5	40-140				
Dieldrin	0.0300	0.00164	"	0.0332		90.4	40-140				
Endosulfan I	0.0343	0.00164	"	0.0332		103	40-140				
Endosulfan II	0.0321	0.00164	"	0.0332		96.7	40-140				
Endosulfan sulfate	0.0271	0.00164	"	0.0332		81.6	40-140				
Endrin	0.0303	0.00164	"	0.0332		91.3	40-140				
Endrin aldehyde	0.0322	0.00164	"	0.0332		97.0	40-140				
Endrin ketone	0.0304	0.00164	"	0.0332		91.5	40-140				
gamma-BHC (Lindane)	0.0300	0.00164	"	0.0332		90.4	40-140				
gamma-Chlordane	0.0306	0.00164	"	0.0332		92.1	40-140				
Heptachlor	0.0299	0.00164	"	0.0332		89.9	40-140				
Heptachlor epoxide	0.0316	0.00164	"	0.0332		95.3	40-140				
Methoxychlor	0.0266	0.00164	"	0.0332		80.1	40-140				
Surrogate: Decachlorobiphenyl	*0.0524*		*"*	*0.0664*		*78.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0655*		*"*	*0.0664*		*98.6*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40431 - EPA 3550C											
Blank (BI40431-BLK2) Blank							Prepared & Analyzed: 09/09/2024				
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0660*		*"*	*0.0667*		*99.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0343*		*"*	*0.0667*		*51.5*	*30-120*				
LCS (BI40431-BS2) LCS							Prepared & Analyzed: 09/09/2024				
Aroclor 1016	0.270	0.0166	mg/kg wet	0.332		81.2	40-130				
Aroclor 1260	0.230	0.0166	"	0.332		69.3	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0605*		*"*	*0.0664*		*91.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0309*		*"*	*0.0664*		*46.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40322 - EPA 3550C/8151A											
Blank (BI40322-BLK1) Blank								Prepared & Analyzed: 09/06/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.376*		*"*	*0.415*		*90.6*	*21-150*				
LCS (BI40322-BS1) LCS								Prepared & Analyzed: 09/06/2024			
2,4,5-T	0.0814	0.0199	mg/kg wet	0.0664		122	10-120	High Bias			
2,4,5-TP (Silvex)	0.0922	0.0199	"	0.0664		139	10-120	High Bias			
2,4-D	0.0839	0.0199	"	0.0664		126	10-118	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.416*		*"*	*0.415*		*100*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40566 - EPA 3050B											
Blank (BI40566-BLK1) Blank									Prepared: 09/10/2024 Analyzed: 09/11/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	23.8	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BI40566-SRM1) Reference									Prepared: 09/10/2024 Analyzed: 09/11/2024		
Aluminum	6510	4.17	mg/kg wet	7680		84.7	35.7-119				
Antimony	72.9	2.08	"	244		29.9	0-99.5				
Arsenic	270	1.25	"	283		95.2	69.9-101.4				
Barium	342	2.08	"	326		105	73.9-107.1				
Beryllium	191	0.042	"	175		109	75.4-107.4	High Bias			
Cadmium	94.1	0.250	"	95.8		98.3	72.3-103.7				
Calcium	5720	4.17	"	5470		105	79.5-113.2				
Chromium	249	0.417	"	239		104	72.4-106.3				
Cobalt	158	0.333	"	150		106	76-107.3				
Copper	234	1.67	"	217		108	74.7-105.1	High Bias			
Iron	6970	20.8	"	7360		94.8	53-127.9				
Lead	207	0.417	"	210		98.4	75.7-109.5				
Magnesium	2040	4.17	"	2080		98.1	67.3-111.1				
Manganese	281	0.417	"	290		97.1	73.4-108.3				
Nickel	343	0.830	"	329		104	74.5-106.7				
Potassium	1970	4.17	"	2330		84.4	60.9-111.6				
Selenium	303	2.08	"	281		108	77.6-116.7				
Silver	85.1	0.420	"	82.7		103	73.7-111.7				
Sodium	418	41.7	"	427		97.8	71.2-118.7				
Thallium	122	2.08	"	123		99.6	70.2-104.8				
Vanadium	192	0.830	"	192		100	68.8-107.8				
Zinc	256	2.08	"	260		98.5	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40382 - EPA 7473 soil											
Blank (BI40382-BLK1) Blank									Prepared & Analyzed: 09/07/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BI40382-SRM1) Reference									Prepared & Analyzed: 09/07/2024		
Mercury	19.485		mg/kg	18.2		107	59.9-140.1				
Batch BI40558 - EPA 7473 soil											
Blank (BI40558-BLK1) Blank									Prepared: 09/10/2024 Analyzed: 09/11/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BI40558-SRM1) Reference									Prepared: 09/10/2024 Analyzed: 09/11/2024		
Mercury	18.168		mg/kg	18.2		99.8	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40417 - Analysis Preparation Soil											
Blank (BI40417-BLK1) Blank									Prepared & Analyzed: 09/09/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BI40417-SRM1) Reference									Prepared & Analyzed: 09/09/2024		
Cyanide, total	53.9		ug/mL	59.7		90.3	38.5-161.4				
Batch BI40441 - EPA SW846-3060											
Blank (BI40441-BLK1) Blank									Prepared & Analyzed: 09/09/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BI40441-SRM1) Reference									Prepared & Analyzed: 09/09/2024		
Chromium, Hexavalent	255		mg/L	227		112	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I0233-01	PE33_15	40mL Vial with Stir Bar-Cool 4° C
24I0233-02	PE34_15	40mL Vial with Stir Bar-Cool 4° C
24I0233-03	PE40_15	40mL Vial with Stir Bar-Cool 4° C
24I0233-04	PE32_15	40mL Vial with Stir Bar-Cool 4° C
24I0233-05	PE16_15	40mL Vial with Stir Bar-Cool 4° C
24I0233-06	TB_09052024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to correct BS2 results for NFDHA.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK

YORK Project Number: ~~24H~~ 2410233

Page 1 of 1

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Dr Parsippany, NJ 07054	Address:
Phone.: 973-560-4900	Phone: SAME
Contact: Lauren Kotte	Contact:
E-mail: lkotte@langan.com	E-mail:

YOUR Project Name / Number: 100688801 12096 Flatlands Ave

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Daniel Horvath

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	PCBs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp.
PE33-15	09/05	0915	S	3									1	X	X	X	X	X	X	X	X	X	
PE34-15		0925		3									1	X	X	X	X	X	X	X	X	X	
PE40-15		1315		3									1	X	X	X	X	X	X	X	X	X	
PE32-15		1325		3									1	X	X	X	X	X	X	X	X	X	
PE16-15		1345		3									1	X	X	X	X	X	X	X	X	X	
TB-09052024					2									X									

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: ~~Y~~ ~~N~~ Containers Intact: ~~Y~~ / N COC/Labels Agree: ~~Y~~ / N Preservation Confirmed: ~~Y~~ / N

COC Complete: ~~Y~~ / N COC Received: ~~Y~~ / N Appropriate Sample Volumes: ~~Y~~ / N Appropriate Sample Containers: ~~Y~~ / N

Cooler Temperature Confirmed: ~~Y~~ / N Samples Submitted within Holding Times: ~~Y~~ / N Corrective Action Form Required: Y / ~~N~~

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Daniel Horvath / Langan	09/05/24 1445	[illegible] / York	9/5/24 1445	[illegible] / York	9/5/24 1815
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
YMI	9/5/24 1815 4.1°C	YMI	9/5/24 18:45	[illegible]	9/5/24 18:45
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
[illegible]	9/5/24 20:40			[illegible]	9/5/24 20:40 3.7°C Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/19/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I0618

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Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 11, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24I0618-01	PE41_21.5	Soil	09/11/2024	09/11/2024
24I0618-02	PE42_21.5	Soil	09/11/2024	09/11/2024
24I0618-03	PE49_22	Soil	09/11/2024	09/11/2024
24I0618-04	PE50_21.5	Soil	09/11/2024	09/11/2024
24I0618-05	PE57_22	Soil	09/11/2024	09/11/2024
24I0618-06	PE58_21.5	Soil	09/11/2024	09/11/2024
24I0618-07	PE59_20	Soil	09/11/2024	09/11/2024
24I0618-08	EB_09112024	Water	09/11/2024	09/11/2024
24I0618-09	TB_09112024	Water	09/11/2024	09/11/2024

General Notes for York Project (SDG) No.: 24I0618

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 09/19/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0047**	J	mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.031**	CCVE, ICVE	mg/kg dry	0.0057	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0057	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0086	0.017	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0961	0.192	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	**2-Methylnaphthalene**	**0.0630**	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0961	0.192	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.192	0.385	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.0607**	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.192	0.385	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.0868**	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0876**	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0530**	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0530**	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0515**	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.101**		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.191**		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0607**	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0530**	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.267**		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.252**		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.192	0.385	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*32.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*30.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*41.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*35.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*34.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*36.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	09/15/2024 07:59	09/16/2024 12:41	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*57.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.128	0.204	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0612	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.121	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.207	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.199	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.193	0.215	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.218	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.221	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.229	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.188	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.144	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.119	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.171	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.224	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.126	0.462	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.169	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.179	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.687	0.878	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.872	0.887	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.126	0.924	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.160	0.411	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.223	0.462	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0716	0.462	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.111	0.462	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.181	0.217	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.687	0.866	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.702	0.924	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.359	0.873	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.284	0.864	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.201	0.873	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.195	0.224	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.143	0.222	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.732	1.15	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.42	5.77	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.73	5.77	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.706	2.31	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.208	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.805	2.31	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.229	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*118 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*112 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*119 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*118 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*92.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*73.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*55.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*6.43 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*107 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*97.1 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*115 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*129 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*294 %*	PFSu-H	*25-200*

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*170 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*114 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*377 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*81.4 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*68.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*121 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*35.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*36.3 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0193	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:33	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*105 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0230	1	EPA 8151A	09/13/2024 08:09	09/14/2024 14:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0230	1	EPA 8151A	09/13/2024 08:09	09/14/2024 14:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0230	1	EPA 8151A	09/13/2024 08:09	09/14/2024 14:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*99.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6670**		mg/kg dry	4.85	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.42	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.45**		mg/kg dry	1.45	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**41.3**		mg/kg dry	2.42	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.252**		mg/kg dry	0.049	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.291	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1470**		mg/kg dry	4.85	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.6**		mg/kg dry	0.485	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.96**		mg/kg dry	0.388	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**15.4**		mg/kg dry	1.94	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**12600**		mg/kg dry	24.2	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**33.9**		mg/kg dry	0.485	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2340**		mg/kg dry	4.85	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**137**		mg/kg dry	0.485	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.6**		mg/kg dry	0.966	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**445**	B	mg/kg dry	4.85	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.42	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.489	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**168**		mg/kg dry	48.5	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.42	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**17.1**		mg/kg dry	0.966	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**51.8**		mg/kg dry	2.42	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0634**		mg/kg dry	0.0349	1	EPA 7473	09/13/2024 14:33	09/14/2024 16:22	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.582	1	EPA 7196A	09/16/2024 09:11	09/16/2024 16:08	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**13.6**		mg/kg	0.500	1	Calculation	09/16/2024 16:49	09/16/2024 17:21	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.582	1	EPA 9014/9010C	09/12/2024 08:03	09/12/2024 14:03	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.9**		%	0.100	1	SM 2540G	09/12/2024 10:19	09/12/2024 15:15	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0066**	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.037**	CCVE, ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0892	0.178	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0892	0.178	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.357	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.357	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.0528**	J	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.357	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*33.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*31.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*40.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*34.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*31.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*35.7 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	09/15/2024 07:59	09/16/2024 12:59	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*57.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.119	0.189	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0566	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.191	0.195	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.184	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.178	0.199	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.202	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.204	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.174	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.207	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.427	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.156	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.635	0.811	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.806	0.820	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.854	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.380	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.206	0.427	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0662	0.427	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.427	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.201	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.635	0.801	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.649	0.854	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.332	0.807	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.263	0.799	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.807	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.207	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.205	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.677	1.07	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.24	5.34	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.60	5.34	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.652	2.14	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.192	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.744	2.14	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*103 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*120 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*111 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*128 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*137 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*110 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*83.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*64.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*78.4 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*118 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*103 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*127 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*118 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*143 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*284 %*	PFSu-H	*25-200*

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*170 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*92.9 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*384 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*69.0 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*57.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*123 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*40.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*42.3 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:47	NF
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*132 %*	S-08, S-GC	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.0 %*		*30-120*

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0214	1	EPA 8151A	09/13/2024 08:09	09/14/2024 14:50	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0214	1	EPA 8151A	09/13/2024 08:09	09/14/2024 14:50	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0214	1	EPA 8151A	09/13/2024 08:09	09/14/2024 14:50	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*80.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4640**		mg/kg dry	4.50	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.25	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.56**		mg/kg dry	1.35	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**13.8**		mg/kg dry	2.25	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.189**		mg/kg dry	0.045	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.270	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1350**		mg/kg dry	4.50	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.54**		mg/kg dry	0.451	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.17**		mg/kg dry	0.360	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**8.96**		mg/kg dry	1.80	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8900**		mg/kg dry	22.5	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**11.2**		mg/kg dry	0.451	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1960**		mg/kg dry	4.51	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**84.4**		mg/kg dry	0.451	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**10.5**		mg/kg dry	0.897	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**323**	B	mg/kg dry	4.51	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.25	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.454	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**74.5**		mg/kg dry	45.0	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.25	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**12.7**		mg/kg dry	0.897	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**26.5**		mg/kg dry	2.24	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0324	1	EPA 7473	09/13/2024 14:33	09/14/2024 16:22	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.540	1	EPA 7196A	09/16/2024 09:11	09/16/2024 16:08	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**9.54**		mg/kg	0.500	1	Calculation	09/16/2024 16:49	09/16/2024 17:21	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.540	1	EPA 9014/9010C	09/12/2024 08:03	09/12/2024 14:03	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.6**		%	0.100	1	SM 2540G	09/12/2024 10:19	09/12/2024 15:15	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0070**	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.028**	CCVE, ICVE	mg/kg dry	0.0051	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0051	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0919	0.184	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0919	0.184	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.133**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.164**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.150**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.149**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.130**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0911**	J	mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.152**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0485**	J	mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.208**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.136**	CCVE	mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0507**	J	mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.115**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.267**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*71.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*67.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*89.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.3 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	09/15/2024 07:59	09/16/2024 13:16	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*61.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.195	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0585	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.198	0.202	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.190	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.195**	J	ug/kg dry	0.184	0.205	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.209	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.180	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.163	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.214	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.442	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.657	0.839	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.833	0.848	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.883	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.153	0.393	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.213	0.442	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0684	0.442	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.442	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.173	0.208	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.657	0.828	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.671	0.883	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.343	0.835	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.272	0.826	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.835	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.212	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.700	1.10	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.32	5.52	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.66	5.52	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.674	2.21	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.199	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.769	2.21	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*101 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*128 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*114 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*108 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*120 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*144 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*78.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*78.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*16.1 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*125 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*98.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*119 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*145 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*162 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*357 %*	PFSu-H	*25-200*

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*233 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*139 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*364 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*88.6 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*70.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*124 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*42.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*46.8 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*102 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:00	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0220	1	EPA 8151A	09/13/2024 08:09	09/14/2024 14:57	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	09/13/2024 08:09	09/14/2024 14:57	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0220	1	EPA 8151A	09/13/2024 08:09	09/14/2024 14:57	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*52.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7640**		mg/kg dry	4.64	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	**Antimony**	**3.38**		mg/kg dry	2.32	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.80**		mg/kg dry	1.39	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**275**		mg/kg dry	2.31	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.223**		mg/kg dry	0.047	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.714**		mg/kg dry	0.278	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**6510**		mg/kg dry	4.64	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.6**		mg/kg dry	0.464	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.92**		mg/kg dry	0.371	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**119**		mg/kg dry	1.85	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**23700**		mg/kg dry	23.2	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**2140**		mg/kg dry	0.464	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2020**		mg/kg dry	4.64	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**298**		mg/kg dry	0.464	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**21.0**		mg/kg dry	0.924	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**619**	B	mg/kg dry	4.64	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**0.501**		mg/kg dry	0.467	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**248**		mg/kg dry	46.4	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.32	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.6**		mg/kg dry	0.924	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**293**		mg/kg dry	2.31	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.249**		mg/kg dry	0.0334	1	EPA 7473	09/13/2024 14:33	09/14/2024 16:22	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.556	1	EPA 7196A	09/16/2024 09:11	09/16/2024 16:08	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.6**		mg/kg	0.500	1	Calculation	09/16/2024 16:49	09/16/2024 17:21	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.556	1	EPA 9014/9010C	09/12/2024 08:03	09/12/2024 14:03	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.9**		%	0.100	1	SM 2540G	09/12/2024 10:19	09/12/2024 15:15	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.072	0.14	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.011**	CCVE	mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.051**	CCVE, ICVE	mg/kg dry	0.0072	0.014	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0072	0.014	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.022	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0870	0.174	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0870	0.174	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.174	0.348	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.348	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.348	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*48.8 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*2.52 %*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.6 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.0 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*53.6 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.2 %*		*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	09/15/2024 07:59	09/16/2024 13:33	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*63.9 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.116	0.185	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0555	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.187	0.191	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.180	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.175	0.195	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.198	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.200	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.171	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.155	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.203	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.114	0.419	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.153	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.162	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.200	0.202	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.623	0.795	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.790	0.804	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.114	0.837	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.145	0.372	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.202	0.419	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0649	0.419	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.100	0.419	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.164	0.197	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.623	0.785	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.636	0.837	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.325	0.791	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.257	0.783	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.182	0.791	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.177	0.203	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.130	0.201	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.663	1.05	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.20	5.23	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.57	5.23	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.639	2.09	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.188	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.729	2.09	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*92.3 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*113 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*107 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*94.1 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*124 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*119 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*97.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*75.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*67.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*19.1 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*126 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*96.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*121 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*115 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*133 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*237 %*	PFSu-H	*25-200*

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*142 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*97.4 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*338 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*69.9 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*57.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*122 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*41.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*43.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*95.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0173	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:14	NF
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*132 %*	S-08, S-GC	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.5 %*		*30-120*

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0211	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:32	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0211	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:32	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0211	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:32	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*72.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5260**		mg/kg dry	4.40	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.20	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.42**		mg/kg dry	1.32	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**16.9**		mg/kg dry	2.20	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.185**		mg/kg dry	0.044	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.264	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**652**		mg/kg dry	4.40	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.20**		mg/kg dry	0.441	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.51**		mg/kg dry	0.352	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**9.26**		mg/kg dry	1.76	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8030**		mg/kg dry	22.0	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.73**		mg/kg dry	0.441	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2120**		mg/kg dry	4.41	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**60.1**		mg/kg dry	0.441	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**16.7**		mg/kg dry	0.877	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**300**	B	mg/kg dry	4.41	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.20	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.444	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**53.5**		mg/kg dry	44.0	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.20	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**12.4**		mg/kg dry	0.877	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**20.1**		mg/kg dry	2.19	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0317	1	EPA 7473	09/12/2024 14:21	09/13/2024 14:11	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.528	1	EPA 7196A	09/16/2024 09:11	09/16/2024 16:08	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**9.20**		mg/kg	0.500	1	Calculation	09/16/2024 16:49	09/16/2024 17:21	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.528	1	EPA 9014/9010C	09/12/2024 08:03	09/12/2024 14:03	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.6**		%	0.100	1	SM 2540G	09/12/2024 10:19	09/12/2024 15:15	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.015**	CCVE, ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0952	0.190	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0952	0.190	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.191	0.381	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.0936**	J	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.191	0.381	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.180**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.190**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.164**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.176**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.158**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	**Benzyl butyl phthalate**	**0.151**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.591**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.176**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0510**	J	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.343**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.168**	CCVE	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.288**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.375**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.191	0.381	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*47.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*45.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*61.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	09/15/2024 07:59	09/16/2024 13:50	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.9 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.127	0.202	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0605	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.204	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.196	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.314**		ug/kg dry	0.191	0.212	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.216	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.218	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.226	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.186	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.143	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.118	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.169	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	**N-EtFOSAA**	**0.909**		ug/kg dry	0.221	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.124	0.456	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.167	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.177	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.679	0.867	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.862	0.876	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.124	0.913	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.159	0.406	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.220	0.456	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0707	0.456	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.110	0.456	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.179	0.215	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.679	0.856	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.694	0.913	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.355	0.863	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.281	0.854	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.199	0.863	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.193	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.141	0.219	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.723	1.14	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.39	5.71	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.71	5.71	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.697	2.28	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.205	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.795	2.28	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.226	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*112 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*106 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*135 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*142 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*102 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*93.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*83.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*89.8 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*161 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*100 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*142 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*187 %*	PFSu-H	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*191 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*541 %*	PFSu-H	*25-200*

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*386 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*112 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*436 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*96.4 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*76.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*47.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*47.3 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	**Aroclor 1248**	**0.0781**		mg/kg dry	0.0192	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.0318**		mg/kg dry	0.0192	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.110**		mg/kg dry	0.0192	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:27	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0231	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0231	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0231	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*68.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6510**		mg/kg dry	4.82	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.41	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.64**		mg/kg dry	1.45	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**411**		mg/kg dry	2.41	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.280**		mg/kg dry	0.049	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.656**		mg/kg dry	0.289	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3380**		mg/kg dry	4.82	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.4**		mg/kg dry	0.482	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.09**		mg/kg dry	0.385	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**55.0**		mg/kg dry	1.93	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**27700**		mg/kg dry	24.1	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**206**		mg/kg dry	0.482	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2870**		mg/kg dry	4.82	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**185**		mg/kg dry	0.482	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**28.0**		mg/kg dry	0.960	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**423**	B	mg/kg dry	4.82	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.41	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.486	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**178**		mg/kg dry	48.2	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.41	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.6**		mg/kg dry	0.960	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**215**		mg/kg dry	2.40	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.692**		mg/kg dry	0.0347	1	EPA 7473	09/12/2024 14:21	09/13/2024 14:11	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.579	1	EPA 7196A	09/16/2024 09:11	09/16/2024 16:08	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.4**		mg/kg	0.500	1	Calculation	09/16/2024 16:49	09/16/2024 17:21	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.579	1	EPA 9014/9010C	09/12/2024 08:03	09/12/2024 14:03	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.4**		%	0.100	1	SM 2540G	09/12/2024 10:19	09/12/2024 15:15	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0895	0.179	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0895	0.179	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.0529**	J	mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.152**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.373**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.381**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.294**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.267**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.257**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	**Benzyl butyl phthalate**	**0.101**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.442**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.396**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0801**	J	mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.705**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0586**	J	mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.274**	CCVE	mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.492**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.835**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*51.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*53.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.3 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	09/15/2024 07:59	09/16/2024 14:07	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*62.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.120	0.191	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0573	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.193	0.198	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.186	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.273**		ug/kg dry	0.180	0.201	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.204	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.206	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.176	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.432	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.167	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.206	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.643	0.821	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.816	0.830	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.865	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.385	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.209	0.432	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0670	0.432	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.432	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.203	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.643	0.810	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.657	0.865	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.336	0.817	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.266	0.808	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.188	0.817	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.183	0.210	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.207	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.685	1.08	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.27	5.40	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.62	5.40	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.660	2.16	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.753	2.16	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*96.5 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*99.6 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*91.7 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*103 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*118 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*137 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*97.5 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*79.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*80.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*98.7 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*120 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*90.0 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*111 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*148 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*170 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*397 %*	PFSu-H	*25-200*

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*294 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*97.8 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*335 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*60.6 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*52.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*111 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*32.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*33.4 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone [2C]	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	**Aroclor 1248**	**0.0377**		mg/kg dry	0.0181	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.0235**		mg/kg dry	0.0181	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.0612**		mg/kg dry	0.0181	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:41	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0217	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0217	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0217	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*62.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5350**		mg/kg dry	4.53	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.26	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.62**		mg/kg dry	1.36	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**193**		mg/kg dry	2.26	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.272**		mg/kg dry	0.046	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.45**		mg/kg dry	0.272	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**11800**		mg/kg dry	4.53	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**17.6**		mg/kg dry	0.453	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.73**		mg/kg dry	0.362	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**93.4**		mg/kg dry	1.81	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**19800**		mg/kg dry	22.6	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**362**		mg/kg dry	0.453	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2710**		mg/kg dry	4.53	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**187**		mg/kg dry	0.453	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**21.2**		mg/kg dry	0.902	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**512**	B	mg/kg dry	4.53	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.26	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.457	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**180**		mg/kg dry	45.3	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.26	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.8**		mg/kg dry	0.902	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**456**		mg/kg dry	2.26	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.240**		mg/kg dry	0.0326	1	EPA 7473	09/12/2024 14:21	09/13/2024 14:11	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.544	1	EPA 7196A	09/16/2024 09:11	09/16/2024 16:08	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**17.6**		mg/kg	0.500	1	Calculation	09/16/2024 16:49	09/16/2024 17:21	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.544	1	EPA 9014/9010C	09/12/2024 08:03	09/12/2024 14:03	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **PE58_21.5** **York Sample ID:** **24I0618-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.0**		%	0.100	1	SM 2540G	09/12/2024 10:19	09/12/2024 15:15	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0054**	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.041**	CCVE, ICVE	mg/kg dry	0.0050	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0050	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0875	0.175	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0875	0.175	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*60.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	09/15/2024 07:59	09/16/2024 14:55	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.2 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.186	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0558	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.188	0.193	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.181	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.199	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.201	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.208	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.204	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.421	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.626	0.800	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.795	0.809	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.842	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.146	0.375	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.203	0.421	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0653	0.421	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.421	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.165	0.198	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.626	0.790	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.640	0.842	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.327	0.796	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.259	0.787	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.183	0.796	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.178	0.204	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.202	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.667	1.05	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.21	5.26	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.58	5.26	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.643	2.11	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.189	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.734	2.11	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.208	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*106 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*122 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*106 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*141 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*115 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*108 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*72.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*58.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*24.6 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*125 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*106 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*128 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*147 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*161 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*294 %*	PFSu-H	*25-200*

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*221 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*120 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*343 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*70.0 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*54.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*137 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*36.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*42.4 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*105 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:55	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*116 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0210	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0210	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0210	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*75.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5340**		mg/kg dry	4.43	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.21	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.78**		mg/kg dry	1.33	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**42.0**		mg/kg dry	2.21	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.177**		mg/kg dry	0.045	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.266	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**631**		mg/kg dry	4.43	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**8.91**		mg/kg dry	0.443	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.37**		mg/kg dry	0.354	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**9.85**		mg/kg dry	1.77	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8170**		mg/kg dry	22.1	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**10.1**		mg/kg dry	0.443	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2210**		mg/kg dry	4.43	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**63.5**		mg/kg dry	0.443	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**18.1**		mg/kg dry	0.883	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**361**	B	mg/kg dry	4.43	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.21	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.447	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**55.1**		mg/kg dry	44.3	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.21	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**11.7**		mg/kg dry	0.883	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**52.6**		mg/kg dry	2.21	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0319	1	EPA 7473	09/12/2024 14:21	09/13/2024 14:11	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.532	1	EPA 7196A	09/16/2024 09:11	09/16/2024 16:08	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**8.91**		mg/kg	0.500	1	Calculation	09/16/2024 16:49	09/16/2024 17:21	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.532	1	EPA 9014/9010C	09/13/2024 07:25	09/13/2024 12:08	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.0**		%	0.100	1	SM 2540G	09/12/2024 10:19	09/12/2024 15:15	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: EB_09112024 **York Sample ID:** 24I0618-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Water	September 11, 2024 2:00 pm	09/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.476	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.354	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.719	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.689	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.425	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.830	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.527	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.760	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.14	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.891	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.749	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.699	2.03	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.800	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.04	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.233	4.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.891	2.03	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.922	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.34	1.95	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.07	7.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.08	7.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.334	8.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM

Sample Information

Client Sample ID: EB_09112024 **York Sample ID:** 24I0618-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Water	September 11, 2024 2:00 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.506	3.61	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/17/2024 15:25	09/18/2024 22:01	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.17	4.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/17/2024 15:25	09/18/2024 22:01	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.253	4.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/17/2024 15:25	09/18/2024 22:01	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.375	4.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/17/2024 15:25	09/18/2024 22:01	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.770	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.81	7.60	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.27	8.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.40	7.66	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.709	7.58	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
919005-14-4	ADONA	ND		ng/L	0.537	7.66	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ng/L	0.942	1.96	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 22:01	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.871	1.94	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.06	5.06	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 22:01	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.42	25.3	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 22:01	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.59	25.3	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 22:01	AM
24448-09-7	* N-MeFOSE	ND		ng/L	4.04	20.3	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 22:01	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.60	2.03	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 22:01	AM
1691-99-2	* N-EtFOSE	ND		ng/L	4.04	20.3	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 22:01	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.82	2.03	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 22:01	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*144 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*127 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*126 %*	*25-150*

Sample Information

Client Sample ID: EB_09112024 **York Sample ID:** 24I0618-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Water	September 11, 2024 2:00 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*126 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*156 %*	PFSu-H		*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*127 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*105 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*76.6 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.81 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*137 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*101 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*145 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*131 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*141 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*289 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*175 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*131 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*323 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*140 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*106 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*149 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*68.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*72.0 %*			*25-150*						

Sample Information

Client Sample ID: TB_09112024 **York Sample ID:** 24I0618-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Water	September 11, 2024 2:00 pm	09/11/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09112024 **York Sample ID:** 24I0618-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Water	September 11, 2024 2:00 pm	09/11/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.320	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE	ug/L	0.163	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09112024 **York Sample ID:** 24I0618-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Water	September 11, 2024 2:00 pm	09/11/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE, QL-02	ug/L	0.608	1.00	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_09112024 **York Sample ID:** 24I0618-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Water	September 11, 2024 2:00 pm	09/11/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.6 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*114 %*	*70-130*

Analytical Batch Summary

Batch ID: BI40705 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/12/24
24I0618-02	PE42_21.5	09/12/24
24I0618-03	PE49_22	09/12/24
24I0618-04	PE50_21.5	09/12/24
24I0618-05	PE57_22	09/12/24
24I0618-06	PE58_21.5	09/12/24
BI40705-BLK1	Blank	09/12/24
BI40705-SRM1	Reference	09/12/24

Batch ID: BI40745 **Preparation Method:** % Solids Prep **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/12/24
24I0618-02	PE42_21.5	09/12/24
24I0618-03	PE49_22	09/12/24
24I0618-04	PE50_21.5	09/12/24
24I0618-05	PE57_22	09/12/24
24I0618-06	PE58_21.5	09/12/24
24I0618-07	PE59_20	09/12/24

Batch ID: BI40758 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-04	PE50_21.5	09/12/24
24I0618-05	PE57_22	09/12/24
24I0618-06	PE58_21.5	09/12/24
24I0618-07	PE59_20	09/12/24
BI40758-BLK1	Blank	09/12/24
BI40758-SRM1	Reference	09/12/24

Batch ID: BI40801 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-07	PE59_20	09/13/24
BI40801-BLK1	Blank	09/13/24
BI40801-SRM1	Reference	09/13/24

Batch ID: BI40810 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/13/24
24I0618-01	PE41_21.5	09/13/24
24I0618-02	PE42_21.5	09/13/24

24I0618-02	PE42_21.5	09/13/24
24I0618-03	PE49_22	09/13/24
24I0618-03	PE49_22	09/13/24
24I0618-04	PE50_21.5	09/13/24
24I0618-04	PE50_21.5	09/13/24
24I0618-05	PE57_22	09/13/24
24I0618-05	PE57_22	09/13/24
24I0618-06	PE58_21.5	09/13/24
24I0618-06	PE58_21.5	09/13/24
24I0618-07	PE59_20	09/13/24
24I0618-07	PE59_20	09/13/24
BI40810-BLK1	Blank	09/13/24
BI40810-BLK2	Blank	09/13/24
BI40810-BS1	LCS	09/13/24
BI40810-BS2	LCS	09/13/24
BI40810-MS1	Matrix Spike	09/13/24
BI40810-MSD1	Matrix Spike Dup	09/13/24

Batch ID: BI40812 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/13/24
24I0618-02	PE42_21.5	09/13/24
24I0618-03	PE49_22	09/13/24
24I0618-04	PE50_21.5	09/13/24
24I0618-05	PE57_22	09/13/24
24I0618-06	PE58_21.5	09/13/24
24I0618-07	PE59_20	09/13/24
BI40812-BLK1	Blank	09/13/24
BI40812-BS1	LCS	09/13/24

Batch ID: BI40840 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/13/24
24I0618-02	PE42_21.5	09/13/24
24I0618-03	PE49_22	09/13/24
24I0618-04	PE50_21.5	09/13/24
24I0618-05	PE57_22	09/13/24
24I0618-06	PE58_21.5	09/13/24
24I0618-07	PE59_20	09/13/24
BI40840-BLK1	Blank	09/13/24
BI40840-BS1	LCS	09/13/24

Batch ID: BI40842 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/13/24
24I0618-02	PE42_21.5	09/13/24
24I0618-03	PE49_22	09/13/24

BI40842-BLK1	Blank	09/13/24
BI40842-SRM1	Reference	09/13/24

Batch ID: BI40852 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/12/24
24I0618-02	PE42_21.5	09/12/24
24I0618-03	PE49_22	09/12/24
24I0618-04	PE50_21.5	09/12/24
24I0618-05	PE57_22	09/12/24
24I0618-06	PE58_21.5	09/12/24
24I0618-07	PE59_20	09/12/24
BI40852-BLK1	Blank	09/12/24
BI40852-BS1	LCS	09/12/24
BI40852-BSD1	LCS Dup	09/12/24

Batch ID: BI40889 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/15/24
24I0618-02	PE42_21.5	09/15/24
24I0618-03	PE49_22	09/15/24
24I0618-04	PE50_21.5	09/15/24
24I0618-05	PE57_22	09/15/24
24I0618-06	PE58_21.5	09/15/24
24I0618-07	PE59_20	09/15/24
BI40889-BLK1	Blank	09/15/24
BI40889-BS1	LCS	09/15/24

Batch ID: BI40891 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/15/24
24I0618-02	PE42_21.5	09/15/24
24I0618-03	PE49_22	09/15/24
24I0618-04	PE50_21.5	09/15/24
24I0618-05	PE57_22	09/15/24
24I0618-06	PE58_21.5	09/15/24
24I0618-07	PE59_20	09/15/24
BI40891-BLK1	Blank	09/15/24
BI40891-SRM1	Reference	09/15/24

Batch ID: BI40948 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/16/24
24I0618-02	PE42_21.5	09/16/24
24I0618-03	PE49_22	09/16/24

24I0618-04	PE50_21.5	09/16/24
24I0618-05	PE57_22	09/16/24
24I0618-06	PE58_21.5	09/16/24
24I0618-07	PE59_20	09/16/24
BI40948-BLK1	Blank	09/16/24
BI40948-DUP1	Duplicate	09/16/24
BI40948-MS1	Matrix Spike	09/16/24
BI40948-MSD1	Matrix Spike Dup	09/16/24
BI40948-SRM1	Reference	09/16/24

Batch ID: BI40981 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/16/24
24I0618-02	PE42_21.5	09/16/24
24I0618-03	PE49_22	09/16/24
24I0618-04	PE50_21.5	09/16/24
24I0618-05	PE57_22	09/16/24
24I0618-06	PE58_21.5	09/16/24
24I0618-07	PE59_20	09/16/24

Batch ID: BI41014 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/17/24
24I0618-02	PE42_21.5	09/17/24
24I0618-03	PE49_22	09/17/24
24I0618-04	PE50_21.5	09/17/24
24I0618-05	PE57_22	09/17/24
24I0618-06	PE58_21.5	09/17/24
24I0618-07	PE59_20	09/17/24
BI41014-BLK1	Blank	09/17/24
BI41014-BS1	LCS	09/17/24
BI41014-BS2	LCS	09/17/24

Batch ID: BI41035 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-09	TB_09112024	09/13/24
BI41035-BLK1	Blank	09/13/24
BI41035-BS1	LCS	09/13/24
BI41035-BSD1	LCS Dup	09/13/24

Batch ID: BI41062 **Preparation Method:** EPA 1633 Prep **Prepared By:** DRF

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-08	EB_09112024	09/17/24
BI41062-BLK1	Blank	09/17/24
BI41062-BS1	LCS	09/17/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40852 - EPA 5035A											
Blank (BI40852-BLK1) Blank									Prepared & Analyzed: 09/12/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40852 - EPA 5035A											
Blank (BI40852-BLK1) Blank								Prepared & Analyzed: 09/12/2024			
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.4*		*"*	*50.0*		*105*	*76-130*				
LCS (BI40852-BS1) LCS								Prepared & Analyzed: 09/12/2024			
1,1,1,2-Tetrachloroethane	49.2		ug/L	50.0		98.3	75-129			30	
1,1,1-Trichloroethane	47.3		"	50.0		94.6	70-130			30	
1,1,2,2-Tetrachloroethane	51.3		"	50.0		103	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.3		"	50.0		96.6	70-130			30	
1,1,2-Trichloroethane	48.0		"	50.0		96.1	70-130			30	
1,1-Dichloroethane	47.1		"	50.0		94.1	70-130			30	
1,1-Dichloroethylene	51.3		"	50.0		103	70-130			30	
1,1-Dichloropropylene	48.9		"	50.0		97.8	77-127			30	
1,2,3-Trichlorobenzene	52.0		"	50.0		104	70-130			30	
1,2,3-Trichloropropane	49.8		"	50.0		99.6	81-126			30	
1,2,4-Trichlorobenzene	53.5		"	50.0		107	70-130			30	
1,2,4-Trimethylbenzene	51.3		"	50.0		103	84-125			30	
1,2-Dibromo-3-chloropropane	51.7		"	50.0		103	40-160			30	
1,2-Dibromoethane	48.5		"	50.0		96.9	70-130			30	
1,2-Dichlorobenzene	49.3		"	50.0		98.6	70-130			30	
1,2-Dichloroethane	47.4		"	50.0		94.8	70-130			30	
1,2-Dichloropropane	49.1		"	50.0		98.2	70-130			30	
1,3,5-Trimethylbenzene	50.6		"	50.0		101	82-126			30	
1,3-Dichlorobenzene	49.1		"	50.0		98.2	70-130			30	
1,3-Dichloropropane	48.9		"	50.0		97.9	83-123			30	
1,4-Dichlorobenzene	49.0		"	50.0		98.1	70-130			30	
1,4-Dioxane	852		"	1050		81.2	40-160			30	
2,2-Dichloropropane	52.0		"	50.0		104	67-136			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40852 - EPA 5035A											
LCS (BI40852-BS1) LCS							Prepared & Analyzed: 09/12/2024				
2-Butanone	45.5		ug/L	50.0		91.0	40-160			30	
2-Chlorotoluene	49.8		"	50.0		99.6	78-127			30	
2-Hexanone	50.0		"	50.0		100	40-160			30	
4-Chlorotoluene	50.9		"	50.0		102	79-125			30	
4-Methyl-2-pentanone	38.0		"	50.0		76.0	40-160			30	
Acetone	29.7		"	50.0		59.5	40-160			30	
Acrolein	10.8		"	50.0		21.6	10-238			30	
Acrylonitrile	49.2		"	50.0		98.4	66-141			30	
Benzene	48.2		"	50.0		96.4	70-130			30	
Bromobenzene	51.4		"	50.0		103	77-129			30	
Bromochloromethane	47.5		"	50.0		95.1	70-130			30	
Bromodichloromethane	49.3		"	50.0		98.6	70-130			30	
Bromoform	49.8		"	50.0		99.5	70-130			30	
Bromomethane	49.6		"	50.0		99.2	40-160			30	
Carbon disulfide	51.0		"	50.0		102	40-160			30	
Carbon tetrachloride	48.0		"	50.0		96.0	70-130			30	
Chlorobenzene	47.7		"	50.0		95.3	70-130			30	
Chloroethane	45.8		"	50.0		91.6	51-142			30	
Chloroform	47.0		"	50.0		93.9	70-130			30	
Chloromethane	44.6		"	50.0		89.2	49-132			30	
cis-1,2-Dichloroethylene	48.3		"	50.0		96.6	70-130			30	
cis-1,3-Dichloropropylene	50.1		"	50.0		100	70-130			30	
Cyclohexane	49.3		"	50.0		98.6	70-130			30	
Dibromochloromethane	49.5		"	50.0		99.1	70-130			30	
Dibromomethane	46.8		"	50.0		93.5	83-124			30	
Dichlorodifluoromethane	48.4		"	50.0		96.9	40-160			30	
Ethyl Benzene	50.0		"	50.0		99.9	70-130			30	
Hexachlorobutadiene	52.1		"	50.0		104	83-133			30	
Isopropylbenzene	51.8		"	50.0		104	70-130			30	
Methyl acetate	44.0		"	50.0		88.0	70-130			30	
Methyl tert-butyl ether (MTBE)	50.4		"	50.0		101	70-130			30	
Methylcyclohexane	47.3		"	50.0		94.5	70-130			30	
Methylene chloride	47.2		"	50.0		94.5	70-130			30	
n-Butylbenzene	51.5		"	50.0		103	80-130			30	
n-Propylbenzene	51.3		"	50.0		103	74-136			30	
o-Xylene	48.7		"	50.0		97.4	70-130			30	
p- & m- Xylenes	97.0		"	100		97.0	70-130			30	
p-Isopropyltoluene	53.0		"	50.0		106	85-125			30	
sec-Butylbenzene	51.9		"	50.0		104	83-125			30	
Styrene	50.3		"	50.0		101	70-130			30	
tert-Butyl alcohol (TBA)	258		"	250		103	70-130			30	
tert-Butylbenzene	44.4		"	50.0		88.8	80-127			30	
Tetrachloroethylene	44.3		"	50.0		88.6	70-130			30	
Toluene	48.5		"	50.0		96.9	70-130			30	
trans-1,2-Dichloroethylene	48.6		"	50.0		97.2	70-130			30	
trans-1,3-Dichloropropylene	53.2		"	50.0		106	70-130			30	
Trichloroethylene	48.6		"	50.0		97.2	70-130			30	
Trichlorofluoromethane	47.3		"	50.0		94.6	40-160			30	
Vinyl Chloride	46.7		"	50.0		93.4	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40852 - EPA 5035A											
LCS (BI40852-BS1) LCS								Prepared & Analyzed: 09/12/2024			
Surrogate: SURR: p-Bromofluorobenzene	*52.0*		*ug/L*	*50.0*		*104*	*76-130*				
LCS Dup (BI40852-BSD1) LCS Dup								Prepared & Analyzed: 09/12/2024			
1,1,1,2-Tetrachloroethane	50.5		ug/L	50.0		101	75-129		2.63	30	
1,1,1-Trichloroethane	48.7		"	50.0		97.4	70-130		2.94	30	
1,1,2,2-Tetrachloroethane	53.2		"	50.0		106	70-130		3.52	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.7		"	50.0		101	70-130		4.81	30	
1,1,2-Trichloroethane	48.8		"	50.0		97.5	70-130		1.49	30	
1,1-Dichloroethane	48.6		"	50.0		97.2	70-130		3.18	30	
1,1-Dichloroethylene	52.4		"	50.0		105	70-130		1.97	30	
1,1-Dichloropropylene	50.1		"	50.0		100	77-127		2.32	30	
1,2,3-Trichlorobenzene	53.7		"	50.0		107	70-130		3.29	30	
1,2,3-Trichloropropane	51.4		"	50.0		103	81-126		3.04	30	
1,2,4-Trichlorobenzene	54.5		"	50.0		109	70-130		1.87	30	
1,2,4-Trimethylbenzene	52.3		"	50.0		105	84-125		1.85	30	
1,2-Dibromo-3-chloropropane	53.6		"	50.0		107	40-160		3.63	30	
1,2-Dibromoethane	49.8		"	50.0		99.5	70-130		2.65	30	
1,2-Dichlorobenzene	50.9		"	50.0		102	70-130		3.12	30	
1,2-Dichloroethane	50.3		"	50.0		101	70-130		5.92	30	
1,2-Dichloropropane	50.6		"	50.0		101	70-130		2.99	30	
1,3,5-Trimethylbenzene	51.7		"	50.0		103	82-126		2.27	30	
1,3-Dichlorobenzene	50.2		"	50.0		100	70-130		2.16	30	
1,3-Dichloropropane	50.0		"	50.0		100	83-123		2.20	30	
1,4-Dichlorobenzene	50.0		"	50.0		100	70-130		1.98	30	
1,4-Dioxane	909		"	1050		86.5	40-160		6.43	30	
2,2-Dichloropropane	54.5		"	50.0		109	67-136		4.62	30	
2-Butanone	46.3		"	50.0		92.5	40-160		1.66	30	
2-Chlorotoluene	51.1		"	50.0		102	78-127		2.60	30	
2-Hexanone	52.1		"	50.0		104	40-160		4.01	30	
4-Chlorotoluene	51.9		"	50.0		104	79-125		2.04	30	
4-Methyl-2-pentanone	39.3		"	50.0		78.7	40-160		3.47	30	
Acetone	31.2		"	50.0		62.3	40-160		4.73	30	
Acrolein	10.8		"	50.0		21.5	10-238		0.186	30	
Acrylonitrile	51.8		"	50.0		104	66-141		5.13	30	
Benzene	49.4		"	50.0		98.8	70-130		2.46	30	
Bromobenzene	52.7		"	50.0		105	77-129		2.50	30	
Bromochloromethane	49.6		"	50.0		99.1	70-130		4.16	30	
Bromodichloromethane	51.0		"	50.0		102	70-130		3.37	30	
Bromoform	51.2		"	50.0		102	70-130		2.93	30	
Bromomethane	51.5		"	50.0		103	40-160		3.80	30	
Carbon disulfide	51.8		"	50.0		104	40-160		1.42	30	
Carbon tetrachloride	49.5		"	50.0		98.9	70-130		3.02	30	
Chlorobenzene	48.4		"	50.0		96.8	70-130		1.56	30	
Chloroethane	47.4		"	50.0		94.8	51-142		3.37	30	
Chloroform	48.7		"	50.0		97.4	70-130		3.60	30	
Chloromethane	40.7		"	50.0		81.5	49-132		9.12	30	
cis-1,2-Dichloroethylene	49.8		"	50.0		99.6	70-130		2.98	30	
cis-1,3-Dichloropropylene	51.7		"	50.0		103	70-130		3.10	30	
Cyclohexane	50.8		"	50.0		102	70-130		2.96	30	
Dibromochloromethane	50.7		"	50.0		101	70-130		2.41	30	
Dibromomethane	48.7		"	50.0		97.3	83-124		4.00	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40852 - EPA 5035A											
LCS Dup (BI40852-BSD1) LCS Dup								Prepared & Analyzed: 09/12/2024			
Dichlorodifluoromethane	48.9		ug/L	50.0		97.8	40-160		0.904	30	
Ethyl Benzene	50.8		"	50.0		102	70-130		1.71	30	
Hexachlorobutadiene	52.7		"	50.0		105	83-133		1.28	30	
Isopropylbenzene	52.8		"	50.0		106	70-130		2.01	30	
Methyl acetate	46.0		"	50.0		92.1	70-130		4.51	30	
Methyl tert-butyl ether (MTBE)	52.8		"	50.0		106	70-130		4.61	30	
Methylcyclohexane	47.7		"	50.0		95.4	70-130		0.927	30	
Methylene chloride	48.9		"	50.0		97.8	70-130		3.47	30	
n-Butylbenzene	51.5		"	50.0		103	80-130		0.0582	30	
n-Propylbenzene	52.4		"	50.0		105	74-136		2.08	30	
o-Xylene	50.2		"	50.0		100	70-130		2.95	30	
p- & m- Xylenes	99.0		"	100		99.0	70-130		2.03	30	
p-Isopropyltoluene	54.3		"	50.0		109	85-125		2.33	30	
sec-Butylbenzene	52.7		"	50.0		105	83-125		1.61	30	
Styrene	51.6		"	50.0		103	70-130		2.45	30	
tert-Butyl alcohol (TBA)	280		"	250		112	70-130		8.06	30	
tert-Butylbenzene	45.4		"	50.0		90.7	80-127		2.14	30	
Tetrachloroethylene	45.0		"	50.0		90.0	70-130		1.57	30	
Toluene	49.6		"	50.0		99.2	70-130		2.26	30	
trans-1,2-Dichloroethylene	49.7		"	50.0		99.4	70-130		2.16	30	
trans-1,3-Dichloropropylene	54.3		"	50.0		109	70-130		2.05	30	
Trichloroethylene	50.0		"	50.0		100	70-130		2.84	30	
Trichlorofluoromethane	48.2		"	50.0		96.5	40-160		2.03	30	
Vinyl Chloride	47.5		"	50.0		95.0	70-130		1.72	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*99.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.9*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41035 - EPA 5030B											
Blank (BI41035-BLK1) Blank									Prepared & Analyzed: 09/13/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41035 - EPA 5030B											
Blank (BI41035-BLK1) Blank								Prepared & Analyzed: 09/13/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.58*		*"*	*10.0*		*95.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*11.6*		*"*	*10.0*		*116*	*70-130*				
LCS (BI41035-BS1) LCS								Prepared & Analyzed: 09/13/2024			
1,1,1,2-Tetrachloroethane	9.18		ug/L	10.0		91.8	82-126			30	
1,1,1-Trichloroethane	9.26		"	10.0		92.6	70-130			20	
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.78		"	10.0		97.8	70-130			20	
1,1,2-Trichloroethane	9.37		"	10.0		93.7	70-130			20	
1,1-Dichloroethane	9.39		"	10.0		93.9	70-130			20	
1,1-Dichloroethylene	10.2		"	10.0		102	70-130			20	
1,1-Dichloropropylene	9.82		"	10.0		98.2	83-133			30	
1,2,3-Trichlorobenzene	14.7		"	10.0		147	70-130	High Bias		20	
1,2,3-Trichloropropane	11.4		"	10.0		114	77-128			30	
1,2,4-Trichlorobenzene	9.75		"	10.0		97.5	70-130			20	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132			20	
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	40-160			20	
1,2-Dibromoethane	9.41		"	10.0		94.1	70-130			20	
1,2-Dichlorobenzene	9.76		"	10.0		97.6	70-130			20	
1,2-Dichloroethane	9.32		"	10.0		93.2	70-130			20	
1,2-Dichloropropane	9.90		"	10.0		99.0	70-130			20	
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131			30	
1,3-Dichlorobenzene	9.84		"	10.0		98.4	70-130			20	
1,3-Dichloropropane	9.52		"	10.0		95.2	81-125			30	
1,4-Dichlorobenzene	9.57		"	10.0		95.7	70-130			20	
1,4-Dioxane	206		"	210		98.2	40-160			20	
2,2-Dichloropropane	9.71		"	10.0		97.1	56-150			30	
2-Butanone	10.4		"	10.0		104	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41035 - EPA 5030B											
LCS (BI41035-BS1) LCS								Prepared & Analyzed: 09/13/2024			
2-Chlorotoluene	10.3		ug/L	10.0		103	79-130			30	
2-Hexanone	9.09		"	10.0		90.9	40-160			20	
4-Chlorotoluene	10.6		"	10.0		106	79-128			30	
4-Methyl-2-pentanone	7.86		"	10.0		78.6	40-160			20	
Acetone	7.25		"	10.0		72.5	40-160			20	
Acrolein	4.00		"	10.0		40.0	10-153			30	
Acrylonitrile	7.07		"	10.0		70.7	51-150			30	
Benzene	9.83		"	10.0		98.3	70-130			20	
Bromobenzene	10.3		"	10.0		103	78-129			30	
Bromochloromethane	9.47		"	10.0		94.7	70-130			20	
Bromodichloromethane	9.20		"	10.0		92.0	70-130			20	
Bromoform	7.93		"	10.0		79.3	70-130			20	
Bromomethane	8.71		"	10.0		87.1	40-160			20	
Carbon disulfide	9.78		"	10.0		97.8	40-160			20	
Carbon tetrachloride	9.28		"	10.0		92.8	70-130			20	
Chlorobenzene	9.49		"	10.0		94.9	70-130			20	
Chloroethane	9.30		"	10.0		93.0	40-160			20	
Chloroform	9.37		"	10.0		93.7	70-130			20	
Chloromethane	9.62		"	10.0		96.2	40-160			20	
cis-1,2-Dichloroethylene	9.70		"	10.0		97.0	70-130			20	
cis-1,3-Dichloropropylene	8.86		"	10.0		88.6	70-130			20	
Cyclohexane	9.21		"	10.0		92.1	70-130			20	
Dibromochloromethane	8.60		"	10.0		86.0	70-130			20	
Dibromomethane	9.21		"	10.0		92.1	72-134			30	
Dichlorodifluoromethane	10.6		"	10.0		106	40-160			20	
Ethyl Benzene	10.1		"	10.0		101	70-130			20	
Hexachlorobutadiene	8.91		"	10.0		89.1	67-146			30	
Isopropylbenzene	10.8		"	10.0		108	70-130			20	
Methyl acetate	7.82		"	10.0		78.2	70-130			20	
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	70-130			20	
Methylcyclohexane	9.23		"	10.0		92.3	70-130			20	
Methylene chloride	9.27		"	10.0		92.7	70-130			20	
n-Butylbenzene	10.4		"	10.0		104	79-132			30	
n-Propylbenzene	10.8		"	10.0		108	78-133			30	
o-Xylene	9.65		"	10.0		96.5	70-130			20	
p- & m- Xylenes	19.9		"	20.0		99.4	70-130			20	
p-Isopropyltoluene	10.9		"	10.0		109	81-136			30	
sec-Butylbenzene	10.7		"	10.0		107	79-137			30	
Styrene	9.60		"	10.0		96.0	70-130			20	
tert-Butyl alcohol (TBA)	7.28		"	50.0		14.6	25-162	Low Bias		30	
tert-Butylbenzene	9.70		"	10.0		97.0	77-138			30	
Tetrachloroethylene	9.10		"	10.0		91.0	70-130			20	
Toluene	9.90		"	10.0		99.0	70-130			20	
trans-1,2-Dichloroethylene	9.62		"	10.0		96.2	70-130			20	
trans-1,3-Dichloropropylene	8.73		"	10.0		87.3	70-130			20	
Trichloroethylene	9.67		"	10.0		96.7	70-130			20	
Trichlorofluoromethane	9.11		"	10.0		91.1	40-160			20	
Vinyl Chloride	9.48		"	10.0		94.8	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.57*		*"*	*10.0*		*95.7*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41035 - EPA 5030B											
LCS (BI41035-BS1) LCS								Prepared & Analyzed: 09/13/2024			
LCS Dup (BI41035-BSD1) LCS Dup								Prepared & Analyzed: 09/13/2024			
1,1,1,2-Tetrachloroethane	9.20		ug/L	10.0		92.0	82-126		0.218	30	
1,1,1-Trichloroethane	9.26		"	10.0		92.6	70-130		0.00	20	
1,1,2,2-Tetrachloroethane	9.68		"	10.0		96.8	70-130		4.25	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.46		"	10.0		94.6	70-130		3.33	20	
1,1,2-Trichloroethane	9.31		"	10.0		93.1	70-130		0.642	20	
1,1-Dichloroethane	9.53		"	10.0		95.3	70-130		1.48	20	
1,1-Dichloroethylene	10.0		"	10.0		100	70-130		1.59	20	
1,1-Dichloropropylene	9.79		"	10.0		97.9	83-133		0.306	30	
1,2,3-Trichlorobenzene	14.5		"	10.0		145	70-130	High Bias	1.30	20	
1,2,3-Trichloropropane	10.8		"	10.0		108	77-128		5.69	30	
1,2,4-Trichlorobenzene	10.0		"	10.0		100	70-130		2.73	20	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		1.74	20	
1,2-Dibromo-3-chloropropane	11.0		"	10.0		110	40-160		5.40	20	
1,2-Dibromoethane	8.96		"	10.0		89.6	70-130		4.90	20	
1,2-Dichlorobenzene	9.63		"	10.0		96.3	70-130		1.34	20	
1,2-Dichloroethane	9.11		"	10.0		91.1	70-130		2.28	20	
1,2-Dichloropropane	9.83		"	10.0		98.3	70-130		0.710	20	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131		1.79	30	
1,3-Dichlorobenzene	9.83		"	10.0		98.3	70-130		0.102	20	
1,3-Dichloropropane	9.37		"	10.0		93.7	81-125		1.59	30	
1,4-Dichlorobenzene	9.39		"	10.0		93.9	70-130		1.90	20	
1,4-Dioxane	184		"	210		87.7	40-160		11.3	20	
2,2-Dichloropropane	9.75		"	10.0		97.5	56-150		0.411	30	
2-Butanone	10.3		"	10.0		103	40-160		1.06	20	
2-Chlorotoluene	10.1		"	10.0		101	79-130		1.96	30	
2-Hexanone	8.65		"	10.0		86.5	40-160		4.96	20	
4-Chlorotoluene	10.3		"	10.0		103	79-128		2.49	30	
4-Methyl-2-pentanone	7.91		"	10.0		79.1	40-160		0.634	20	
Acetone	8.16		"	10.0		81.6	40-160		11.8	20	
Acrolein	3.62		"	10.0		36.2	10-153		9.97	30	
Acrylonitrile	7.77		"	10.0		77.7	51-150		9.43	30	
Benzene	9.95		"	10.0		99.5	70-130		1.21	20	
Bromobenzene	10.0		"	10.0		100	78-129		2.46	30	
Bromochloromethane	9.35		"	10.0		93.5	70-130		1.28	20	
Bromodichloromethane	9.26		"	10.0		92.6	70-130		0.650	20	
Bromoform	8.15		"	10.0		81.5	70-130		2.74	20	
Bromomethane	9.12		"	10.0		91.2	40-160		4.60	20	
Carbon disulfide	9.70		"	10.0		97.0	40-160		0.821	20	
Carbon tetrachloride	9.23		"	10.0		92.3	70-130		0.540	20	
Chlorobenzene	9.51		"	10.0		95.1	70-130		0.211	20	
Chloroethane	9.18		"	10.0		91.8	40-160		1.30	20	
Chloroform	9.44		"	10.0		94.4	70-130		0.744	20	
Chloromethane	9.41		"	10.0		94.1	40-160		2.21	20	
cis-1,2-Dichloroethylene	9.73		"	10.0		97.3	70-130		0.309	20	
cis-1,3-Dichloropropylene	8.92		"	10.0		89.2	70-130		0.675	20	
Cyclohexane	8.87		"	10.0		88.7	70-130		3.76	20	
Dibromochloromethane	8.66		"	10.0		86.6	70-130		0.695	20	
Dibromomethane	9.17		"	10.0		91.7	72-134		0.435	30	
Dichlorodifluoromethane	9.65		"	10.0		96.5	40-160		9.38	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41035 - EPA 5030B											
LCS Dup (BI41035-BSD1) LCS Dup								Prepared & Analyzed: 09/13/2024			
Ethyl Benzene	10.0		ug/L	10.0		100	70-130		0.498	20	
Hexachlorobutadiene	9.15		"	10.0		91.5	67-146		2.66	30	
Isopropylbenzene	10.5		"	10.0		105	70-130		3.37	20	
Methyl acetate	8.45		"	10.0		84.5	70-130		7.74	20	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	70-130		0.466	20	
Methylcyclohexane	8.92		"	10.0		89.2	70-130		3.42	20	
Methylene chloride	9.36		"	10.0		93.6	70-130		0.966	20	
n-Butylbenzene	10.4		"	10.0		104	79-132		0.0963	30	
n-Propylbenzene	10.6		"	10.0		106	78-133		2.52	30	
o-Xylene	9.70		"	10.0		97.0	70-130		0.517	20	
p- & m- Xylenes	19.9		"	20.0		99.6	70-130		0.151	20	
p-Isopropyltoluene	10.7		"	10.0		107	81-136		1.39	30	
sec-Butylbenzene	10.5		"	10.0		105	79-137		2.26	30	
Styrene	9.74		"	10.0		97.4	70-130		1.45	20	
tert-Butyl alcohol (TBA)	7.44		"	50.0		14.9	25-162	Low Bias	2.17	30	
tert-Butylbenzene	9.42		"	10.0		94.2	77-138		2.93	30	
Tetrachloroethylene	9.01		"	10.0		90.1	70-130		0.994	20	
Toluene	9.86		"	10.0		98.6	70-130		0.405	20	
trans-1,2-Dichloroethylene	9.68		"	10.0		96.8	70-130		0.622	20	
trans-1,3-Dichloropropylene	8.56		"	10.0		85.6	70-130		1.97	20	
Trichloroethylene	9.55		"	10.0		95.5	70-130		1.25	20	
Trichlorofluoromethane	8.94		"	10.0		89.4	40-160		1.88	20	
Vinyl Chloride	9.13		"	10.0		91.3	70-130		3.76	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.72*		*"*	*10.0*		*97.2*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*70-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40840 - EPA 3550C											
Blank (BI40840-BLK1) Blank									Prepared: 09/13/2024 Analyzed: 09/16/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40840 - EPA 3550C											
Blank (BI40840-BLK1) Blank									Prepared: 09/13/2024 Analyzed: 09/16/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.33*		"	*1.66*		*80.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.21*		"	*1.66*		*72.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.816*		"	*0.831*		*98.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.709*		"	*0.831*		*85.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.43*		"	*1.66*		*86.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.745*		"	*0.831*		*89.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40840 - EPA 3550C											
LCS (BI40840-BS1) LCS									Prepared: 09/13/2024 Analyzed: 09/16/2024		
1,1-Biphenyl	0.593	0.0416	mg/kg wet	0.831		71.4	18-111				
1,2,4,5-Tetrachlorobenzene	0.602	0.0830	"	0.831		72.5	21-131				
1,2,4-Trichlorobenzene	0.611	0.0416	"	1.25		49.0	10-140				
1,2-Dichlorobenzene	0.568	0.0416	"	1.25		45.6	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.643	0.0416	"	1.25		51.6	17-137				
1,3-Dichlorobenzene	0.568	0.0416	"	1.25		45.6	33-110				
1,4-Dichlorobenzene	0.571	0.0416	"	1.25		45.8	32-104				
2,3,4,6-Tetrachlorophenol	0.745	0.0830	"	1.25		59.8	30-130				
2,4,5-Trichlorophenol	0.648	0.0416	"	1.25		52.0	27-118				
2,4,6-Trichlorophenol	0.660	0.0416	"	1.25		53.0	31-120				
2,4-Dichlorophenol	0.650	0.0416	"	1.25		52.2	20-127				
2,4-Dimethylphenol	0.623	0.0416	"	1.25		50.0	14-132				
2,4-Dinitrophenol	0.704	0.0830	"	1.25		56.5	10-171				
2,4-Dinitrotoluene	0.809	0.0416	"	1.25		64.9	34-131				
2,6-Dinitrotoluene	0.787	0.0416	"	1.25		63.2	31-128				
2-Chloronaphthalene	0.607	0.0416	"	1.25		48.7	31-117				
2-Chlorophenol	0.625	0.0416	"	1.25		50.1	33-113				
2-Methylnaphthalene	0.551	0.0416	"	1.25		44.2	12-138				
2-Methylphenol	0.575	0.0416	"	1.25		46.1	10-136				
2-Nitroaniline	0.727	0.0830	"	1.25		58.4	27-132				
2-Nitrophenol	0.723	0.0416	"	1.25		58.0	17-129				
3- & 4-Methylphenols	0.505	0.0416	"	1.25		40.5	29-103				
3,3-Dichlorobenzidine	0.528	0.0416	"	0.831		63.6	22-149				
3-Nitroaniline	0.644	0.0830	"	1.25		51.7	20-133				
4,6-Dinitro-2-methylphenol	0.775	0.0830	"	1.25		62.2	10-143				
4-Bromophenyl phenyl ether	0.604	0.0416	"	1.25		48.5	29-120				
4-Chloro-3-methylphenol	0.642	0.0416	"	1.25		51.5	24-129				
4-Chloroaniline	0.512	0.0416	"	1.25		41.1	10-132				
4-Chlorophenyl phenyl ether	0.593	0.0416	"	1.25		47.6	27-124				
4-Nitroaniline	0.661	0.0830	"	1.25		53.1	16-128				
4-Nitrophenol	0.730	0.0830	"	1.25		58.6	10-141				
Acenaphthene	0.563	0.0416	"	1.25		45.2	30-121				
Acenaphthylene	0.595	0.0416	"	1.25		47.7	30-115				
Acetophenone	0.571	0.0416	"	0.831		68.8	20-112				
Aniline	0.569	0.166	"	1.25		45.7	10-119				
Anthracene	0.639	0.0416	"	1.25		51.3	34-118				
Atrazine	0.729	0.0416	"	0.831		87.8	26-112				
Benzaldehyde	0.608	0.0416	"	0.831		73.2	21-100				
Benzo(a)anthracene	0.602	0.0416	"	1.25		48.3	32-122				
Benzo(a)pyrene	0.544	0.0416	"	1.25		43.7	29-133				
Benzo(b)fluoranthene	0.592	0.0416	"	1.25		47.5	25-133				
Benzo(g,h,i)perylene	0.616	0.0416	"	1.25		49.4	10-143				
Benzo(k)fluoranthene	0.517	0.0416	"	1.25		41.5	25-128				
Benzoic acid	0.350	0.0416	"	0.831		42.1	10-140				
Benzyl alcohol	0.561	0.0416	"	1.25		45.0	30-115				
Benzyl butyl phthalate	0.681	0.0416	"	1.25		54.7	26-126				
Bis(2-chloroethoxy)methane	0.561	0.0416	"	1.25		45.1	19-132				
Bis(2-chloroethyl)ether	0.532	0.0416	"	1.25		42.7	19-125				
Bis(2-chloroisopropyl)ether	0.506	0.0416	"	1.25		40.6	20-135				
Bis(2-ethylhexyl)phthalate	0.617	0.0416	"	1.25		49.5	10-155				
Caprolactam	0.632	0.0830	"	0.831		76.1	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40840 - EPA 3550C											
LCS (BI40840-BS1) LCS									Prepared: 09/13/2024 Analyzed: 09/16/2024		
Carbazole	0.612	0.0416	mg/kg wet	1.25		49.1	35-123				
Chrysene	0.546	0.0416	"	1.25		43.8	32-123				
Dibenzo(a,h)anthracene	0.602	0.0416	"	1.25		48.3	10-136				
Dibenzofuran	0.598	0.0416	"	1.25		48.0	29-121				
Diethyl phthalate	0.632	0.0416	"	1.25		50.7	34-116				
Dimethyl phthalate	0.608	0.0416	"	1.25		48.8	35-124				
Di-n-butyl phthalate	0.659	0.0416	"	1.25		52.9	31-116				
Di-n-octyl phthalate	0.668	0.0416	"	1.25		53.6	26-136				
Fluoranthene	0.617	0.0416	"	1.25		49.5	33-122				
Fluorene	0.594	0.0416	"	1.25		47.7	29-123				
Hexachlorobenzene	0.710	0.0416	"	1.25		57.0	21-124				
Hexachlorobutadiene	0.628	0.0416	"	1.25		50.4	10-149				
Hexachlorocyclopentadiene	0.232	0.0416	"	1.25		18.6	10-129				
Hexachloroethane	0.609	0.0416	"	1.25		48.9	28-108				
Indeno(1,2,3-cd)pyrene	0.776	0.0416	"	1.25		62.3	10-135				
Isophorone	0.610	0.0416	"	1.25		49.0	20-132				
Naphthalene	0.608	0.0416	"	1.25		48.8	23-124				
Nitrobenzene	0.692	0.0416	"	1.25		55.5	13-132				
N-Nitrosodimethylamine	0.523	0.0416	"	1.25		41.9	11-129				
N-nitroso-di-n-propylamine	0.525	0.0416	"	1.25		42.1	24-119				
N-Nitrosodiphenylamine	0.621	0.0416	"	1.25		49.8	22-152				
Pentachlorophenol	0.581	0.0416	"	1.25		46.6	10-139				
Phenanthrene	0.612	0.0416	"	1.25		49.1	33-123				
Phenol	0.617	0.0416	"	1.25		49.5	23-115				
Pyrene	0.633	0.0416	"	1.25		50.8	24-130				
Pyridine	0.436	0.166	"	1.25		35.0	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.23*		"	*1.66*		*73.9*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.16*		"	*1.66*		*69.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.772*		"	*0.831*		*93.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.641*		"	*0.831*		*77.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.27*		"	*1.66*		*76.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.669*		"	*0.831*		*80.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40889 - EPA 3550C											
Blank (BI40889-BLK1) Blank									Prepared: 09/15/2024 Analyzed: 09/16/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*543*		*"*	*495*		*110*	*39-127.5*				
LCS (BI40889-BS1) LCS									Prepared: 09/15/2024 Analyzed: 09/16/2024		
1,4-Dioxane	489	19.8	ug/kg	495		98.8	40-130				
Surrogate: 1,4-Dioxane-d8	*506*		*"*	*495*		*102*	*39-127.5*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41014 - EPA 1633 Prep											
Blank (BI41014-BLK1) Blank									Prepared: 09/17/2024 Analyzed: 09/18/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.757	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.765	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.797	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.747	"								
HFPO-DA (Gen-X)	ND	0.797	"								
11CL-PF3OUdS	ND	0.753	"								
9CL-PF3ONS	ND	0.745	"								
ADONA	ND	0.753	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.996	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.98	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.98	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*1.50*		"	*2.32*		*64.5*	*25-150*				
Surrogate: M5PFHxA	*2.07*		"	*2.49*		*83.2*	*25-150*				
Surrogate: M4PFHpA	*2.35*		"	*2.49*		*94.3*	*25-150*				
Surrogate: M3PFHxS	*2.32*		"	*2.36*		*98.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.52*		"	*2.49*		*101*	*25-150*				
Surrogate: M6PFDA	*1.28*		"	*1.25*		*103*	*25-150*				
Surrogate: M7PFUdA	*1.14*		"	*1.25*		*92.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.951*		"	*1.25*		*76.4*	*25-150*				
Surrogate: M2PFTeDA	*0.792*		"	*1.25*		*63.6*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41014 - EPA 1633 Prep											
Blank (BI41014-BLK1) Blank								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0690*		*ug/kg wet*	*9.96*		*0.692*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.31*		*"*	*2.39*		*97.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.136*		*"*	*4.98*		*2.73*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.67*		*"*	*2.49*		*107*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.22*		*"*	*4.98*		*84.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.83*		*"*	*4.98*		*97.0*	*25-150*				
Surrogate: M2-6:2 FTS	*11.2*		*"*	*4.74*		*236*	*25-200*				
Surrogate: M2-8:2 FTS	*6.38*		*"*	*4.78*		*133*	*25-200*				
Surrogate: M9PFNA	*1.15*		*"*	*1.25*		*92.0*	*25-150*				
Surrogate: M2-4:2 FTS	*10.8*		*"*	*4.67*		*230*	*25-150*				
Surrogate: d-N-MeFOSA	*2.22*		*"*	*2.49*		*89.3*	*25-150*				
Surrogate: d-N-EtFOSA	*1.98*		*"*	*2.49*		*79.5*	*25-150*				
Surrogate: M3HFPO-DA	*8.50*		*"*	*9.96*		*85.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.6*		*"*	*24.9*		*42.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.2*		*"*	*24.9*		*40.9*	*25-150*				
LCS (BI41014-BS1) LCS								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Perfluorobutanesulfonic acid (PFBS)	3.59	0.176	ug/kg wet	3.52		102	50-150				
Perfluorohexanoic acid (PFHxA)	3.67	0.199	"	3.98		92.4	50-150				
Perfluoroheptanoic acid (PFHpA)	4.64	0.199	"	3.98		117	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.44	0.182	"	3.64		94.7	50-150				
Perfluorooctanoic acid (PFOA)	4.15	0.199	"	3.98		104	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.75	0.185	"	3.70		101	50-150				
Perfluorononanoic acid (PFNA)	3.72	0.199	"	3.98		93.6	50-150				
Perfluorodecanoic acid (PFDA)	3.83	0.199	"	3.98		96.3	50-150				
Perfluoroundecanoic acid (PFUnA)	3.61	0.199	"	3.98		90.9	50-150				
Perfluorododecanoic acid (PFDoA)	3.92	0.199	"	3.98		98.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.65	0.199	"	3.98		117	50-150				
Perfluorotetradecanoic acid (PFTA)	4.15	0.199	"	3.98		104	50-150				
N-MeFOSAA	4.44	0.199	"	3.98		112	50-150				
N-EtFOSAA	4.40	0.199	"	3.98		111	50-150				
Perfluoropentanoic acid (PFPeA)	8.42	0.398	"	7.95		106	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.56	0.199	"	3.98		89.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.32	0.199	"	3.80		114	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.69	0.192	"	3.84		70.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	12.9	0.755	"	15.1		85.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.3	0.763	"	15.3		93.5	50-150				
Perfluoro-n-butanoic acid (PFBA)	10.5	0.795	"	15.9		66.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.35	0.354	"	7.08		118	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.12	0.398	"	7.95		102	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.353	0.398	"	7.95		4.44	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	16.3	0.398	"	7.95		205	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	3.46	0.187	"	3.74		92.5	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	12.7	0.746	"	14.9		84.9	50-150				
HFPO-DA (Gen-X)	8.48	0.795	"	7.95		107	50-150				
11CL-PF3OUdS	5.81	0.751	"	7.51		77.4	50-150				
9CL-PF3ONS	8.12	0.744	"	7.44		109	50-150				
ADONA	7.54	0.751	"	7.51		100	50-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41014 - EPA 1633 Prep											
LCS (BI41014-BS1) LCS								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.99	0.193	ug/kg wet	3.86		51.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.59	0.191	"	3.82		94.0	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	10.4	0.994	"	15.9		65.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	101	4.97	"	79.5		127	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	106	4.97	"	79.5		134	50-150				
N-MeFOSE	43.9	1.99	"	39.8		110	50-150				
N-MeFOSA	3.97	0.199	"	3.98		99.7	50-150				
N-EtFOSE	40.8	1.99	"	39.8		103	50-150				
N-EtFOSA	4.46	0.199	"	3.98		112	50-150				
Surrogate: M3PFBS	*2.14*		*"*	*2.32*		*92.4*	*25-150*				
Surrogate: M5PFHxA	*3.10*		*"*	*2.49*		*125*	*25-150*				
Surrogate: M4PFHpA	*2.79*		*"*	*2.49*		*112*	*25-150*				
Surrogate: M3PFHxS	*2.32*		*"*	*2.36*		*98.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.01*		*"*	*2.49*		*121*	*25-150*				
Surrogate: M6PFDA	*1.38*		*"*	*1.24*		*111*	*25-150*				
Surrogate: M7PFUdA	*1.18*		*"*	*1.24*		*95.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.864*		*"*	*1.24*		*69.5*	*25-150*				
Surrogate: M2PFTeDA	*0.666*		*"*	*1.24*		*53.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.108*		*"*	*9.94*		*1.09*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.66*		*"*	*2.38*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.28*		*"*	*4.97*		*45.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.99*		*"*	*2.49*		*120*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.37*		*"*	*4.97*		*108*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.40*		*"*	*4.97*		*109*	*25-150*				
Surrogate: M2-6:2 FTS	*13.0*		*"*	*4.73*		*275*	*25-200*				
Surrogate: M2-8:2 FTS	*7.37*		*"*	*4.77*		*154*	*25-200*				
Surrogate: M9PFNA	*1.34*		*"*	*1.24*		*108*	*25-150*				
Surrogate: M2-4:2 FTS	*14.1*		*"*	*4.66*		*301*	*25-150*				
Surrogate: d-N-MeFOSA	*2.29*		*"*	*2.49*		*92.3*	*25-150*				
Surrogate: d-N-EtFOSA	*2.03*		*"*	*2.49*		*81.7*	*25-150*				
Surrogate: M3HFPO-DA	*13.4*		*"*	*9.94*		*135*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.9*		*"*	*24.9*		*52.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.2*		*"*	*24.9*		*49.2*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41014 - EPA 1633 Prep											
LCS (BI41014-BS2) LCS								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Perfluorobutanesulfonic acid (PFBS)	0.643	0.174	ug/kg wet	0.697		92.2	50-150				
Perfluorohexanoic acid (PFHxA)	0.681	0.197	"	0.787		86.4	50-150				
Perfluoroheptanoic acid (PFHpA)	0.889	0.197	"	0.787		113	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.645	0.180	"	0.720		89.6	50-150				
Perfluorooctanoic acid (PFOA)	0.737	0.197	"	0.787		93.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.701	0.183	"	0.732		95.8	50-150				
Perfluorononanoic acid (PFNA)	0.643	0.197	"	0.787		81.7	50-150				
Perfluorodecanoic acid (PFDA)	0.638	0.197	"	0.787		81.0	50-150				
Perfluoroundecanoic acid (PFUnA)	0.685	0.197	"	0.787		87.0	50-150				
Perfluorododecanoic acid (PFDoA)	0.742	0.197	"	0.787		94.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.835	0.197	"	0.787		106	50-150				
Perfluorotetradecanoic acid (PFTA)	0.748	0.197	"	0.787		95.0	50-150				
N-MeFOSAA	0.731	0.197	"	0.787		92.9	50-150				
N-EtFOSAA	0.788	0.197	"	0.787		100	50-150				
Perfluoropentanoic acid (PFPeA)	1.63	0.394	"	1.57		104	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.642	0.197	"	0.787		81.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.876	0.197	"	0.752		117	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.447	0.190	"	0.760		58.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.43	0.748	"	2.99		81.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.04	0.756	"	3.02		100	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.17	0.787	"	3.15		68.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.75	0.350	"	1.40		125	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.10	0.394	"	1.57		69.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.173	0.394	"	1.57		11.0	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	4.97	0.394	"	1.57		316	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	0.598	0.185	"	0.740		80.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.51	0.738	"	2.95		85.1	50-150				
HFPO-DA (Gen-X)	1.90	0.787	"	1.57		121	50-150				
11CL-PF3OUdS	1.37	0.744	"	1.49		92.2	50-150				
9CL-PF3ONS	2.12	0.736	"	1.47		144	50-150				
ADONA	2.09	0.744	"	1.49		140	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.385	0.191	"	0.764		50.4	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.687	0.189	"	0.756		90.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.01	0.984	"	3.15		32.2	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	27.2	4.92	"	15.7		173	50-150	High Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	29.2	4.92	"	15.7		186	50-150	High Bias			
N-MeFOSE	8.00	1.97	"	7.87		102	50-150				
N-MeFOSA	0.776	0.197	"	0.787		98.6	50-150				
N-EtFOSE	8.70	1.97	"	7.87		110	50-150				
N-EtFOSA	0.864	0.197	"	0.787		110	50-150				
Surrogate: M3PFBS	*1.61*		"	*2.29*		*70.1*	*25-150*				
Surrogate: M5PFHxA	*2.09*		"	*2.46*		*84.8*	*25-150*				
Surrogate: M4PFHpA	*2.49*		"	*2.46*		*101*	*25-150*				
Surrogate: M3PFHxS	*2.50*		"	*2.33*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.83*		"	*2.46*		*115*	*25-150*				
Surrogate: M6PFDA	*1.41*		"	*1.23*		*115*	*25-150*				
Surrogate: M7PFUdA	*1.03*		"	*1.23*		*83.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.699*		"	*1.23*		*56.8*	*25-150*				
Surrogate: M2PFTeDA	*0.591*		"	*1.23*		*48.0*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41014 - EPA 1633 Prep											
LCS (BI41014-BS2) LCS									Prepared: 09/17/2024 Analyzed: 09/18/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0651*		*ug/kg wet*	*9.84*		*0.661*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.46*		*"*	*2.36*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.223*		*"*	*4.92*		*4.53*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.91*		*"*	*2.46*		*118*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.86*		*"*	*4.92*		*98.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.23*		*"*	*4.92*		*106*	*25-150*				
Surrogate: M2-6:2 FTS	*13.0*		*"*	*4.68*		*279*	*25-200*				
Surrogate: M2-8:2 FTS	*6.93*		*"*	*4.72*		*147*	*25-200*				
Surrogate: M9PFNA	*1.23*		*"*	*1.23*		*100*	*25-150*				
Surrogate: M2-4:2 FTS	*12.1*		*"*	*4.62*		*262*	*25-150*				
Surrogate: d-N-MeFOSA	*2.36*		*"*	*2.46*		*96.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.77*		*"*	*2.46*		*71.9*	*25-150*				
Surrogate: M3HFPO-DA	*7.99*		*"*	*9.84*		*81.2*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.24*		*"*	*24.6*		*33.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*9.02*		*"*	*24.6*		*36.7*	*25-150*				
Batch BI41062 - EPA 1633 Prep											
Blank (BI41062-BLK1) Blank									Prepared: 09/17/2024 Analyzed: 09/18/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41062 - EPA 1633 Prep											
Blank (BI41062-BLK1) Blank									Prepared: 09/17/2024 Analyzed: 09/18/2024		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*27.4*		"	*23.3*		*117*	*25-150*				
Surrogate: M5PFHxA	*32.6*		"	*25.0*		*130*	*25-150*				
Surrogate: M4PFHpA	*33.7*		"	*25.0*		*135*	*25-150*				
Surrogate: M3PFHxS	*31.7*		"	*23.7*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*37.7*		"	*25.0*		*151*	*25-150*				
Surrogate: M6PFDA	*23.4*		"	*12.5*		*187*	*25-150*				
Surrogate: M7PFUdA	*19.8*		"	*12.5*		*158*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.4*		"	*12.5*		*115*	*25-150*				
Surrogate: M2PFTeDA	*13.3*		"	*12.5*		*106*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.98*		"	*100*		*1.98*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*36.2*		"	*23.9*		*151*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*23.4*		"	*50.0*		*46.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*37.0*		"	*25.0*		*148*	*10-150*				
Surrogate: d3-N-MeFOSAA	*67.8*		"	*50.0*		*136*	*25-150*				
Surrogate: d5-N-EtFOSAA	*69.8*		"	*50.0*		*140*	*25-150*				
Surrogate: M2-6:2 FTS	*112*		"	*47.5*		*236*	*25-200*				
Surrogate: M2-8:2 FTS	*79.7*		"	*48.0*		*166*	*25-200*				
Surrogate: M9PFNA	*19.2*		"	*12.5*		*153*	*25-150*				
Surrogate: M2-4:2 FTS	*106*		"	*46.9*		*227*	*25-150*				
Surrogate: d-N-MeFOSA	*42.2*		"	*25.0*		*169*	*25-150*				
Surrogate: d-N-EtFOSA	*36.1*		"	*25.0*		*144*	*25-150*				
Surrogate: M3HFPO-DA	*130*		"	*100*		*130*	*25-150*				
Surrogate: d9-N-EtFOSE	*254*		"	*250*		*102*	*25-150*				
Surrogate: d7-N-MeFOSE	*281*		"	*250*		*113*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41062 - EPA 1633 Prep											
LCS (BI41062-BS1) LCS								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Perfluorobutanesulfonic acid (PFBS)	32.8	1.77	ng/L	35.4		92.5	50-150				
Perfluorohexanoic acid (PFHxA)	30.7	2.00	"	40.0		76.6	50-150				
Perfluoroheptanoic acid (PFHpA)	38.7	2.00	"	40.0		96.8	50-150				
Perfluorohexanesulfonic acid (PFHxS)	29.8	1.83	"	36.6		81.5	50-150				
Perfluorooctanoic acid (PFOA)	33.3	2.00	"	40.0		83.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	31.0	1.86	"	37.2		83.4	50-150				
Perfluorononanoic acid (PFNA)	31.7	2.00	"	40.0		79.1	50-150				
Perfluorodecanoic acid (PFDA)	34.0	2.00	"	40.0		84.9	50-150				
Perfluoroundecanoic acid (PFUnA)	31.0	2.00	"	40.0		77.5	50-150				
Perfluorododecanoic acid (PFDoA)	36.9	2.00	"	40.0		92.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	35.8	2.00	"	40.0		89.5	50-150				
Perfluorotetradecanoic acid (PFTA)	34.8	2.00	"	40.0		86.9	50-150				
N-MeFOSAA	36.0	2.00	"	40.0		90.0	50-150				
N-EtFOSAA	36.6	2.00	"	40.0		91.5	50-150				
Perfluoropentanoic acid (PFPeA)	71.0	4.00	"	80.0		88.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	32.1	2.00	"	40.0		80.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	33.1	1.91	"	38.2		86.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	26.8	1.93	"	38.6		69.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	134	7.60	"	152		88.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	134	7.68	"	154		87.2	50-150				
Perfluoro-n-butanoic acid (PFBA)	147	8.00	"	160		91.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	68.4	3.56	"	71.2		96.1	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	64.0	4.00	"	80.0		80.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	42.5	4.00	"	80.0		53.1	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	82.1	4.00	"	80.0		103	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	30.7	1.88	"	37.6		81.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	117	7.50	"	150		78.2	50-150				
HFPO-DA (Gen-X)	74.9	8.00	"	80.0		93.7	50-150				
11CL-PF3OUdS	57.3	7.56	"	75.6		75.7	50-150				
9CL-PF3ONS	72.1	7.48	"	74.8		96.4	50-150				
ADONA	66.9	7.56	"	75.6		88.5	50-150				
Perfluorododecanesulfonic acid (PFDoS)	18.8	1.94	"	38.8		48.6	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	32.5	1.92	"	38.4		84.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	184	5.00	"	160		115	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	905	25.0	"	800		113	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	955	25.0	"	800		119	50-150				
N-MeFOSE	376	20.0	"	400		93.9	50-150				
N-MeFOSA	33.2	2.00	"	40.0		83.1	50-150				
N-EtFOSE	365	20.0	"	400		91.2	50-150				
N-EtFOSA	37.6	2.00	"	40.0		94.0	50-150				
Surrogate: M3PFBS	*30.0*		"	*23.3*		*129*	*25-150*				
Surrogate: M5PFHxA	*40.3*		"	*25.0*		*161*	*25-150*				
Surrogate: M4PFHpA	*37.3*		"	*25.0*		*149*	*25-150*				
Surrogate: M3PFHxS	*32.5*		"	*23.7*		*137*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*39.0*		"	*25.0*		*156*	*25-150*				
Surrogate: M6PFDA	*18.2*		"	*12.5*		*146*	*25-150*				
Surrogate: M7PFUdA	*16.1*		"	*12.5*		*128*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.2*		"	*12.5*		*113*	*25-150*				
Surrogate: M2PFTeDA	*11.0*		"	*12.5*		*87.9*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41062 - EPA 1633 Prep											
LCS (BI41062-BS1) LCS								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*23.5*		*ng/L*	*100*		*23.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*34.6*		*"*	*23.9*		*144*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*64.7*		*"*	*50.0*		*129*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*36.0*		*"*	*25.0*		*144*	*10-150*				
Surrogate: d3-N-MeFOSAA	*64.8*		*"*	*50.0*		*130*	*25-150*				
Surrogate: d5-N-EtFOSAA	*68.1*		*"*	*50.0*		*136*	*25-150*				
Surrogate: M2-6:2 FTS	*128*		*"*	*47.5*		*269*	*25-200*				
Surrogate: M2-8:2 FTS	*93.7*		*"*	*48.0*		*195*	*25-200*				
Surrogate: M9PFNA	*17.3*		*"*	*12.5*		*139*	*25-150*				
Surrogate: M2-4:2 FTS	*127*		*"*	*46.9*		*271*	*25-150*				
Surrogate: d-N-MeFOSA	*31.1*		*"*	*25.0*		*124*	*25-150*				
Surrogate: d-N-EtFOSA	*28.5*		*"*	*25.0*		*114*	*25-150*				
Surrogate: M3HFPO-DA	*169*		*"*	*100*		*169*	*25-150*				
Surrogate: d9-N-EtFOSE	*218*		*"*	*250*		*87.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*230*		*"*	*250*		*92.0*	*25-150*				
LCS (BI41062-BS2) LCS								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Perfluorobutanesulfonic acid (PFBS)	5.84	1.77	ng/L	7.08		82.4	50-150				
Perfluorohexanoic acid (PFHxA)	6.02	2.00	"	8.00		75.2	50-150				
Perfluoroheptanoic acid (PFHpA)	6.48	2.00	"	8.00		81.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	5.75	1.83	"	7.32		78.5	50-150				
Perfluorooctanoic acid (PFOA)	7.03	2.00	"	8.00		87.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	5.66	1.86	"	7.44		76.0	50-150				
Perfluorononanoic acid (PFNA)	5.57	2.00	"	8.00		69.7	50-150				
Perfluorodecanoic acid (PFDA)	5.80	2.00	"	8.00		72.5	50-150				
Perfluoroundecanoic acid (PFUnA)	7.04	2.00	"	8.00		88.0	50-150				
Perfluorododecanoic acid (PFDoA)	6.58	2.00	"	8.00		82.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	6.72	2.00	"	8.00		84.0	50-150				
Perfluorotetradecanoic acid (PFTA)	6.54	2.00	"	8.00		81.8	50-150				
N-MeFOSAA	6.97	2.00	"	8.00		87.2	50-150				
N-EtFOSAA	7.18	2.00	"	8.00		89.7	50-150				
Perfluoropentanoic acid (PFPeA)	13.5	4.00	"	16.0		84.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	6.39	2.00	"	8.00		79.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	6.37	1.91	"	7.64		83.4	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	5.15	1.93	"	7.72		66.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	23.7	7.60	"	30.4		77.8	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	25.4	7.68	"	30.7		82.5	50-150				
Perfluoro-n-butanoic acid (PFBA)	27.2	8.00	"	32.0		84.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	13.5	3.56	"	14.2		95.1	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	13.5	4.00	"	16.0		84.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.30	4.00	"	16.0		14.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	19.5	4.00	"	16.0		122	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	5.71	1.88	"	7.52		75.9	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	22.0	7.50	"	30.0		73.3	50-150				
HFPO-DA (Gen-X)	14.4	8.00	"	16.0		90.1	50-150				
11CL-PF3OUdS	11.0	7.56	"	15.1		72.6	50-150				
9CL-PF3ONS	13.8	7.48	"	15.0		92.4	50-150				
ADONA	13.6	7.56	"	15.1		89.7	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41062 - EPA 1633 Prep											
LCS (BI41062-BS2) LCS								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Perfluorododecanesulfonic acid (PFDoS)	3.22	1.94	ng/L	7.76		41.5	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	5.85	1.92	"	7.68		76.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	21.7	5.00	"	32.0		67.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	174	25.0	"	160		109	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	192	25.0	"	160		120	50-150				
N-MeFOSE	76.8	20.0	"	80.0		96.0	50-150				
N-MeFOSA	7.55	2.00	"	8.00		94.4	50-150				
N-EtFOSE	75.3	20.0	"	80.0		94.2	50-150				
N-EtFOSA	8.14	2.00	"	8.00		102	50-150				
Surrogate: M3PFBS	*28.3*		"	*23.3*		*122*	*25-150*				
Surrogate: M5PFHxA	*32.1*		"	*25.0*		*128*	*25-150*				
Surrogate: M4PFHpA	*31.3*		"	*25.0*		*125*	*25-150*				
Surrogate: M3PFHxS	*31.4*		"	*23.7*		*133*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*31.9*		"	*25.0*		*128*	*25-150*				
Surrogate: M6PFDA	*19.0*		"	*12.5*		*152*	*25-150*				
Surrogate: M7PFUdA	*13.7*		"	*12.5*		*110*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.6*		"	*12.5*		*101*	*25-150*				
Surrogate: M2PFTeDA	*9.65*		"	*12.5*		*77.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.97*		"	*100*		*2.97*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*31.7*		"	*23.9*		*132*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*36.0*		"	*50.0*		*72.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*32.0*		"	*25.0*		*128*	*10-150*				
Surrogate: d3-N-MeFOSAA	*57.8*		"	*50.0*		*116*	*25-150*				
Surrogate: d5-N-EtFOSAA	*61.5*		"	*50.0*		*123*	*25-150*				
Surrogate: M2-6:2 FTS	*120*		"	*47.5*		*252*	*25-200*				
Surrogate: M2-8:2 FTS	*83.0*		"	*48.0*		*173*	*25-200*				
Surrogate: M9PFNA	*17.3*		"	*12.5*		*138*	*25-150*				
Surrogate: M2-4:2 FTS	*116*		"	*46.9*		*247*	*25-150*				
Surrogate: d-N-MeFOSA	*33.2*		"	*25.0*		*133*	*25-150*				
Surrogate: d-N-EtFOSA	*27.3*		"	*25.0*		*109*	*25-150*				
Surrogate: M3HFPO-DA	*137*		"	*100*		*137*	*25-150*				
Surrogate: d9-N-EtFOSE	*175*		"	*250*		*69.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*195*		"	*250*		*77.9*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40810 - EPA 3550C											
Blank (BI40810-BLK1) Blank									Prepared & Analyzed: 09/13/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0509*		*"*	*0.0664*		*76.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0648*		*"*	*0.0664*		*97.6*	*30-150*				
LCS (BI40810-BS1) LCS									Prepared & Analyzed: 09/13/2024		
4,4'-DDD	0.0257	0.00164	mg/kg wet	0.0332		77.3	40-140				
4,4'-DDE	0.0216	0.00164	"	0.0332		65.0	40-140				
4,4'-DDT	0.0258	0.00164	"	0.0332		77.8	40-140				
Aldrin	0.0281	0.00164	"	0.0332		84.7	40-140				
alpha-BHC	0.0297	0.00164	"	0.0332		89.3	40-140				
alpha-Chlordane	0.0294	0.00164	"	0.0332		88.6	40-140				
beta-BHC	0.0343	0.00164	"	0.0332		103	40-140				
delta-BHC	0.0286	0.00164	"	0.0332		86.0	40-140				
Dieldrin	0.0290	0.00164	"	0.0332		87.4	40-140				
Endosulfan I	0.0373	0.00164	"	0.0332		112	40-140				
Endosulfan II	0.0320	0.00164	"	0.0332		96.3	40-140				
Endosulfan sulfate	0.0250	0.00164	"	0.0332		75.1	40-140				
Endrin	0.0306	0.00164	"	0.0332		92.0	40-140				
Endrin aldehyde	0.0333	0.00164	"	0.0332		100	40-140				
Endrin ketone	0.0296	0.00164	"	0.0332		89.2	40-140				
gamma-BHC (Lindane)	0.0298	0.00164	"	0.0332		89.7	40-140				
gamma-Chlordane	0.0297	0.00164	"	0.0332		89.3	40-140				
Heptachlor	0.0299	0.00164	"	0.0332		90.0	40-140				
Heptachlor epoxide	0.0302	0.00164	"	0.0332		91.0	40-140				
Methoxychlor	0.0229	0.00164	"	0.0332		68.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0538*		*"*	*0.0664*		*80.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0679*		*"*	*0.0664*		*102*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40810 - EPA 3550C											
Matrix Spike (BI40810-MS1) Matrix Spike	*Source sample: 24I0618-01 (PE41_21.5)							Prepared & Analyzed: 09/13/2024			
4,4'-DDD	0.0296	0.00191	mg/kg dry	0.0387	ND	76.5	30-150				
4,4'-DDE	0.0273	0.00191	"	0.0387	ND	70.7	30-150				
4,4'-DDT	0.0330	0.00191	"	0.0387	ND	85.4	30-150				
Aldrin	0.0331	0.00191	"	0.0387	ND	85.7	30-150				
alpha-BHC	0.0929	0.00191	"	0.0387	ND	240	30-150	High Bias			
alpha-Chlordane	0.0298	0.00191	"	0.0387	ND	77.2	30-150				
beta-BHC	0.0312	0.00191	"	0.0387	ND	80.6	30-150				
delta-BHC	0.0312	0.00191	"	0.0387	ND	80.8	30-150				
Dieldrin	0.0295	0.00191	"	0.0387	ND	76.3	30-150				
Endosulfan I	0.0307	0.00191	"	0.0387	ND	79.5	30-150				
Endosulfan II	0.0330	0.00191	"	0.0387	ND	85.3	30-150				
Endosulfan sulfate	0.0289	0.00191	"	0.0387	ND	74.8	30-150				
Endrin	0.0313	0.00191	"	0.0387	ND	80.8	30-150				
Endrin aldehyde	0.0325	0.00191	"	0.0387	ND	84.1	30-150				
Endrin ketone	0.0318	0.00191	"	0.0387	ND	82.1	30-150				
gamma-BHC (Lindane)	0.0316	0.00191	"	0.0387	ND	81.7	30-150				
gamma-Chlordane	0.0293	0.00191	"	0.0387	ND	75.7	30-150				
Heptachlor	0.0335	0.00191	"	0.0387	ND	86.6	30-150				
Heptachlor epoxide	0.0308	0.00191	"	0.0387	ND	79.6	30-150				
Methoxychlor	0.0345	0.00191	"	0.0387	ND	89.3	30-150				
Surrogate: Decachlorobiphenyl	*0.0542*		*"*	*0.0773*		*70.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0803*		*"*	*0.0773*		*104*	*30-150*				
Matrix Spike Dup (BI40810-M Matrix Spike Dup	*Source sample: 24I0618-01 (PE41_21.5)							Prepared & Analyzed: 09/13/2024			
4,4'-DDD	0.0345	0.00191	mg/kg dry	0.0387	ND	89.2	30-150		15.4	30	
4,4'-DDE	0.0321	0.00191	"	0.0387	ND	82.9	30-150		15.9	30	
4,4'-DDT	0.0388	0.00191	"	0.0387	ND	100	30-150		16.1	30	
Aldrin	0.0335	0.00191	"	0.0387	ND	86.5	30-150		0.987	30	
alpha-BHC	0.0449	0.00191	"	0.0387	ND	116	30-150		69.8	30	Non-dir.
alpha-Chlordane	0.0338	0.00191	"	0.0387	ND	87.5	30-150		12.5	30	
beta-BHC	0.0379	0.00191	"	0.0387	ND	97.9	30-150		19.3	30	
delta-BHC	0.0358	0.00191	"	0.0387	ND	92.5	30-150		13.6	30	
Dieldrin	0.0340	0.00191	"	0.0387	ND	87.9	30-150		14.2	30	
Endosulfan I	0.0353	0.00191	"	0.0387	ND	91.3	30-150		13.9	30	
Endosulfan II	0.0380	0.00191	"	0.0387	ND	98.2	30-150		14.1	30	
Endosulfan sulfate	0.0309	0.00191	"	0.0387	ND	79.9	30-150		6.56	30	
Endrin	0.0361	0.00191	"	0.0387	ND	93.3	30-150		14.4	30	
Endrin aldehyde	0.0376	0.00191	"	0.0387	ND	97.1	30-150		14.3	30	
Endrin ketone	0.0366	0.00191	"	0.0387	ND	94.7	30-150		14.2	30	
gamma-BHC (Lindane)	0.0370	0.00191	"	0.0387	ND	95.8	30-150		15.8	30	
gamma-Chlordane	0.0337	0.00191	"	0.0387	ND	87.2	30-150		14.1	30	
Heptachlor	0.0361	0.00191	"	0.0387	ND	93.3	30-150		7.47	30	
Heptachlor epoxide	0.0356	0.00191	"	0.0387	ND	92.1	30-150		14.6	30	
Methoxychlor	0.0404	0.00191	"	0.0387	ND	105	30-150		15.8	30	
Surrogate: Decachlorobiphenyl	*0.0610*		*"*	*0.0773*		*78.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0727*		*"*	*0.0773*		*93.9*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40810 - EPA 3550C											
Blank (BI40810-BLK2) Blank								Prepared & Analyzed: 09/13/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0664*		*"*	*0.0664*		*100*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0538*		*"*	*0.0664*		*81.0*	*30-120*				
LCS (BI40810-BS2) LCS								Prepared & Analyzed: 09/13/2024			
Aroclor 1016	0.292	0.0166	mg/kg wet	0.332		87.8	40-130				
Aroclor 1260	0.308	0.0166	"	0.332		92.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0615*		*"*	*0.0664*		*92.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0502*		*"*	*0.0664*		*75.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40812 - EPA 3550C/8151A											
Blank (BI40812-BLK1) Blank									Prepared: 09/13/2024 Analyzed: 09/14/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.370*		*"*	*0.415*		*89.2*	*21-150*				
LCS (BI40812-BS1) LCS									Prepared: 09/13/2024 Analyzed: 09/14/2024		
2,4,5-T	0.0498	0.0199	mg/kg wet	0.0664		75.0	10-120				
2,4,5-TP (Silvex)	0.0523	0.0199	"	0.0664		78.7	10-120				
2,4-D	0.0482	0.0199	"	0.0664		72.5	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.350*		*"*	*0.415*		*84.4*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40891 - EPA 3050B											
Blank (BI40891-BLK1) Blank									Prepared: 09/15/2024 Analyzed: 09/16/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	4.87	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BI40891-SRM1) Reference									Prepared: 09/15/2024 Analyzed: 09/16/2024		
Aluminum	5910	4.17	mg/kg wet	7680		77.0	35.7-119				
Antimony	76.7	2.08	"	244		31.4	0-99.5				
Arsenic	227	1.25	"	283		80.2	69.9-101.4				
Barium	263	2.08	"	326		80.7	73.9-107.1				
Beryllium	150	0.042	"	175		85.8	75.4-107.4				
Cadmium	80.3	0.250	"	95.8		83.8	72.3-103.7				
Calcium	4700	4.17	"	5470		86.0	79.5-113.2				
Chromium	200	0.417	"	239		83.7	72.4-106.3				
Cobalt	132	0.333	"	150		87.9	76-107.3				
Copper	206	1.67	"	217		94.9	74.7-105.1				
Iron	6550	20.8	"	7360		89.0	53-127.9				
Lead	184	0.417	"	210		87.5	75.7-109.5				
Magnesium	1770	4.17	"	2080		84.9	67.3-111.1				
Manganese	240	0.417	"	290		82.7	73.4-108.3				
Nickel	284	0.830	"	329		86.3	74.5-106.7				
Potassium	1660	4.17	"	2330		71.4	60.9-111.6				
Selenium	254	2.08	"	281		90.3	77.6-116.7				
Silver	74.6	0.420	"	82.7		90.3	73.7-111.7				
Sodium	354	41.7	"	427		82.8	71.2-118.7				
Thallium	106	2.08	"	123		86.5	70.2-104.8				
Vanadium	159	0.830	"	192		82.8	68.8-107.8				
Zinc	215	2.08	"	260		82.6	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40758 - EPA 7473 soil											
Blank (BI40758-BLK1) Blank									Prepared: 09/12/2024 Analyzed: 09/13/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BI40758-SRM1) Reference									Prepared: 09/12/2024 Analyzed: 09/13/2024		
Mercury	16.962		mg/kg	18.2		93.2	59.9-140.1				
Batch BI40842 - EPA 7473 soil											
Blank (BI40842-BLK1) Blank									Prepared: 09/13/2024 Analyzed: 09/14/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BI40842-SRM1) Reference									Prepared: 09/13/2024 Analyzed: 09/14/2024		
Mercury	18.150		mg/kg	18.2		99.7	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40705 - Analysis Preparation Soil												
Blank (BI40705-BLK1)	Blank									Prepared & Analyzed: 09/12/2024		
Cyanide, total		ND	0.500	mg/kg wet								
Reference (BI40705-SRM1)	Reference									Prepared & Analyzed: 09/12/2024		
Cyanide, total		45.6		ug/mL	59.7		76.3	38.5-161.4				
Batch BI40801 - Analysis Preparation Soil												
Blank (BI40801-BLK1)	Blank									Prepared & Analyzed: 09/13/2024		
Cyanide, total		ND	0.500	mg/kg wet								
Reference (BI40801-SRM1)	Reference									Prepared & Analyzed: 09/13/2024		
Cyanide, total		47.7		ug/mL	59.7		80.0	38.5-161.4				
Batch BI40948 - EPA SW846-3060												
Blank (BI40948-BLK1)	Blank									Prepared & Analyzed: 09/16/2024		
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BI40948-DUP1)	Duplicate	*Source sample: 24I0618-02 (PE42_21.5)								Prepared & Analyzed: 09/16/2024		
Chromium, Hexavalent		ND	0.540	mg/kg dry		ND					35	
Matrix Spike (BI40948-MS1)	Matrix Spike	*Source sample: 24I0618-02 (PE42_21.5)								Prepared & Analyzed: 09/16/2024		
Chromium, Hexavalent		9.21	0.540	mg/kg dry	21.6	ND	42.6	75-125	Low Bias			
Matrix Spike Dup (BI40948-M	Matrix Spike Dup	*Source sample: 24I0618-02 (PE42_21.5)								Prepared & Analyzed: 09/16/2024		
Chromium, Hexavalent		10.1	0.540	mg/kg dry	21.6	ND	46.6	75-125	Low Bias	8.97	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40948 - EPA SW846-3060											
Reference (BI40948-SRM1) Reference									Prepared & Analyzed: 09/16/2024		
Chromium, Hexavalent	200		mg/L	227		88.2	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I0618-01	PE41_21.5	40mL Vial with Stir Bar-Cool 4° C
24I0618-02	PE42_21.5	40mL Vial with Stir Bar-Cool 4° C
24I0618-03	PE49_22	40mL Vial with Stir Bar-Cool 4° C
24I0618-04	PE50_21.5	40mL Vial with Stir Bar-Cool 4° C
24I0618-05	PE57_22	40mL Vial with Stir Bar-Cool 4° C
24I0618-06	PE58_21.5	40mL Vial with Stir Bar-Cool 4° C
24I0618-07	PE59_20	40mL Vial with Stir Bar-Cool 4° C
24I0618-09	TB_09112024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVH	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 2410618

Page 1 of 1

Report To:	Invoice To:
Company: CANGAN	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address: SAME
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: lkott@cangan.com	E-mail:

YOUR Project Name / Number: 100688801 12096 Flatlands Ave

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Daniel Horvath

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Turn-Around Time: RUSH - Next Day [ ]; RUSH - Two Day [ ]; RUSH - Three Day [ ]; RUSH - Four Day [ ]; RUSH - Five Day [ ]; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day [ ]

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered [ ] Lab Filtered [ ]

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Grab or Comp.	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pest's/Herbs	PCB's	Cyan tot	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane
PE41-21.5	9/11	1200	S	G/C	3									1	X	X	X	X	X	X	X	X	X
PE42-21.5		1205																					
PE49-22		1210																					
PE50-21.5		1215																					
PE57-22		1220																					
PE58-21.5		1225																					
PE59-20		1230																					
EB-09112024		1400	AQ		2																X		
TB-09112024						2									X								

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / ~~N~~ Containers Intact: ~~Y~~ / N COC/Labels Agree: ~~Y~~ / N Preservation Confirmed: ~~Y~~ / N
COC Complete: ~~Y~~ / N COC Received: ~~Y~~ / N Appropriate Sample Volumes: ~~Y~~ / N Appropriate Sample Containers: ~~Y~~ / N
Cooler Temperature Confirmed: ~~Y~~ / N Samples Submitted within Holding Times: ~~Y~~ / N Corrective Action Form Required: Y / ~~N~~

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Daniel Horvath / CANGAN	09/11/2024 1545	Thomas Stubbs / Yorks	9/11/24 1545	Thomas Stubbs / Yorks	9/11/24 1652
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
YORK	9/11/24 1652 5.1C		9/11/24 1850	Roman Duran	9/11/24 1850
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
Roman Duran	9/11/24 2050			AG	9/11/24 2050 / 1.2 Degrees C

DRAFT

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/26/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I1064

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 09/26/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I1064

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 17, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24I1064-01	PE51_20	Soil	09/17/2024	09/17/2024
24I1064-03	TB_09172024	Water	09/17/2024	09/17/2024

General Notes for York Project (SDG) No.: 24I1064

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By 

DRAFT

Date: 09/26/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0057	0.011	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0057	0.011	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.109**		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0941**		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0719**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0726**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0762**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0805**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.117**		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.183**		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0675**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.144**		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.292**		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	09/17/2024 08:46	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*69.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*72.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*90.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*104 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	09/23/2024 08:18	09/24/2024 12:16	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*75.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.119	0.190	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0568	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.192	0.196	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.184	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.199	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.202	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.205	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.208	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.428	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.156	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.166	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.637	0.814	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.808	0.822	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.857	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.381	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/20/2024 08:12	09/24/2024 03:51	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.207	0.428	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/20/2024 08:12	09/24/2024 03:51	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0664	0.428	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/20/2024 08:12	09/24/2024 03:51	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.428	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/20/2024 08:12	09/24/2024 03:51	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/20/2024 08:12	09/24/2024 03:51	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.637	0.803	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/20/2024 08:12	09/24/2024 03:51	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.651	0.857	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/20/2024 08:12	09/24/2024 03:51	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.333	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/20/2024 08:12	09/24/2024 03:51	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.263	0.801	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/20/2024 08:12	09/24/2024 03:51	AM
919005-14-4	ADONA	ND		ug/kg dry	0.186	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/20/2024 08:12	09/24/2024 03:51	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/20/2024 08:12	09/24/2024 03:51	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.133	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/20/2024 08:12	09/24/2024 03:51	AM
356-02-5	3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.679	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/20/2024 08:12	09/24/2024 03:51	AM
914637-49-3	3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.25	5.35	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/20/2024 08:12	09/24/2024 03:51	AM
812-70-4	3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.61	5.35	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/20/2024 08:12	09/24/2024 03:51	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.654	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/20/2024 08:12	09/24/2024 03:51	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.193	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/20/2024 08:12	09/24/2024 03:51	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.746	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/20/2024 08:12	09/24/2024 03:51	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/20/2024 08:12	09/24/2024 03:51	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*125 %*	*25-150*

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFHPA	*Surrogate: M4PFHpA*	*108 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*131 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*143 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*100 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*86.1 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.6 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.93 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*150 %*	PFSu-H		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*76.3 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*140 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*185 %*	PFSu-H		*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*216 %*	PFSu-H		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*433 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*343 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*103 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*591 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*98.0 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*65.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*130 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*36.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*43.0 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	09/22/2024 07:26	09/22/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	09/22/2024 07:26	09/22/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	09/22/2024 07:26	09/22/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	09/22/2024 07:26	09/22/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	09/22/2024 07:26	09/22/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	09/22/2024 07:26	09/22/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	09/22/2024 07:26	09/22/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	09/22/2024 07:26	09/22/2024 20:07	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0212	1	EPA 8151A	09/22/2024 07:24	09/23/2024 15:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0212	1	EPA 8151A	09/22/2024 07:24	09/23/2024 15:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0212	1	EPA 8151A	09/22/2024 07:24	09/23/2024 15:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*82.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5510**		mg/kg dry	4.51	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.25	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.44**		mg/kg dry	1.35	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**55.4**		mg/kg dry	2.25	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.171**		mg/kg dry	0.045	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.270**		mg/kg dry	0.270	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2700**		mg/kg dry	4.51	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.8**		mg/kg dry	0.451	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.19**		mg/kg dry	0.360	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**23.6**		mg/kg dry	1.80	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15800**		mg/kg dry	22.5	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**65.9**		mg/kg dry	0.451	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2240**		mg/kg dry	4.51	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**196**		mg/kg dry	0.451	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**20.2**		mg/kg dry	0.898	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**427**		mg/kg dry	4.51	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.25	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.454	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**113**		mg/kg dry	45.1	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.25	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.9**		mg/kg dry	0.898	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**79.0**		mg/kg dry	2.24	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0633**		mg/kg dry	0.0324	1	EPA 7473	09/19/2024 14:48	09/20/2024 15:12	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.541	1	EPA 7196A	09/18/2024 14:37	09/19/2024 22:37	ZTS
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	**Chromium, Trivalent**	**12.8**		mg/kg	0.500	1	Calculation	09/23/2024 11:22	09/23/2024 18:13	AD
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.541	1	EPA 9014/9010C	09/18/2024 07:45	09/18/2024 15:11	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**92.5**		%	0.100	1	SM 2540G	09/18/2024 08:09	09/18/2024 12:28	JAMT
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TB_09172024 **York Sample ID:** 24I1064-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Water	September 17, 2024 2:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_09172024 **York Sample ID:** 24I1064-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Water	September 17, 2024 2:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.320	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**2.71**	CCVE	ug/L	0.422	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09172024 **York Sample ID:** 24I1064-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Water	September 17, 2024 2:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	CCVE	ug/L	0.146	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09172024 **York Sample ID:** 24I1064-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Water	September 17, 2024 2:00 pm	09/17/2024

Analyzed by: York Analytical Laboratories, Inc. - Stratford

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE, QL-02	ug/L	0.608	1.00	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE	ug/L	0.229	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.7 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*	*70-130*

Analytical Batch Summary

Batch ID: BI41082 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/18/24
BI41082-BLK1	Blank	09/18/24
BI41082-DUP1	Duplicate	09/18/24
BI41082-MS1	Matrix Spike	09/18/24
BI41082-MSD1	Matrix Spike Dup	09/18/24
BI41082-SRM1	Reference	09/18/24

Batch ID: BI41088 **Preparation Method:** % Solids Prep **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/18/24
BI41088-DUP1	Duplicate	09/18/24

Batch ID: BI41142 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/18/24
BI41142-BLK1	Blank	09/18/24
BI41142-DUP1	Duplicate	09/18/24
BI41142-MS1	Matrix Spike	09/18/24
BI41142-MSD1	Matrix Spike Dup	09/18/24
BI41142-SRM1	Reference	09/18/24

Batch ID: BI41153 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-03	TB_09172024	09/18/24
BI41153-BLK1	Blank	09/18/24
BI41153-BS1	LCS	09/18/24
BI41153-BSD1	LCS Dup	09/18/24

Batch ID: BI41155 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/18/24
BI41155-BLK1	Blank	09/18/24
BI41155-BS1	LCS	09/18/24
BI41155-BSD1	LCS Dup	09/18/24
BI41155-MS1	Matrix Spike	09/18/24
BI41155-MSD1	Matrix Spike Dup	09/18/24

Batch ID: BI41243 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/19/24
BI41243-BLK1	Blank	09/19/24
BI41243-DUP1	Duplicate	09/19/24
BI41243-MS1	Matrix Spike	09/19/24
BI41243-PS1	Post Spike	09/19/24
BI41243-SRM1	Reference	09/19/24

Batch ID: BI41244 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/19/24
BI41244-BLK1	Blank	09/19/24
BI41244-DUP1	Duplicate	09/19/24
BI41244-MS1	Matrix Spike	09/19/24
BI41244-SRM1	Reference	09/19/24

Batch ID: BI41273 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/20/24
BI41273-BLK1	Blank	09/20/24
BI41273-BS1	LCS	09/20/24
BI41273-BS2	LCS	09/20/24
BI41273-MS1	Matrix Spike	09/20/24
BI41273-MSD1	Matrix Spike Dup	09/20/24

Batch ID: BI41292 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/17/24
BI41292-BLK1	Blank	09/20/24
BI41292-BS1	LCS	09/20/24
BI41292-MS2	Matrix Spike	09/20/24
BI41292-MSD2	Matrix Spike Dup	09/20/24

Batch ID: BI41336 **Preparation Method:** EPA 3550C/8151A **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/22/24
BI41336-BLK1	Blank	09/22/24
BI41336-BS1	LCS	09/22/24
BI41336-MS1	Matrix Spike	09/22/24
BI41336-MSD1	Matrix Spike Dup	09/22/24

Batch ID: BI41337 **Preparation Method:** EPA 3545A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/22/24
24I1064-01	PE51_20	09/22/24
BI41337-BLK1	Blank	09/22/24
BI41337-BLK2	Blank	09/22/24
BI41337-BS1	LCS	09/22/24
BI41337-BS2	LCS	09/22/24
BI41337-MS1	Matrix Spike	09/22/24
BI41337-MS2	Matrix Spike	09/22/24
BI41337-MSD1	Matrix Spike Dup	09/22/24
BI41337-MSD2	Matrix Spike Dup	09/22/24

Batch ID: BI41376 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/23/24
BI41376-BLK1	Blank	09/23/24
BI41376-BS1	LCS	09/23/24
BI41376-MS1	Matrix Spike	09/23/24
BI41376-MSD1	Matrix Spike Dup	09/23/24

Batch ID: BI41405 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/23/24

Batch ID: BI41554 **Preparation Method:** EPA 1633 Prep **Prepared By:** SAB

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-02	EB_09172024	09/24/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41153 - EPA 5030B											
Blank (BI41153-BLK1) Blank									Prepared & Analyzed: 09/18/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41153 - EPA 5030B											
Blank (BI41153-BLK1) Blank								Prepared & Analyzed: 09/18/2024			
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.30*		*"*	*10.0*		*93.0*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*70-130*				
LCS (BI41153-BS1) LCS								Prepared & Analyzed: 09/18/2024			
1,1,1,2-Tetrachloroethane	8.89		ug/L	10.0		88.9	82-126			30	
1,1,1-Trichloroethane	9.91		"	10.0		99.1	70-130			20	
1,1,2,2-Tetrachloroethane	9.66		"	10.0		96.6	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	70-130			20	
1,1,2-Trichloroethane	9.12		"	10.0		91.2	70-130			20	
1,1-Dichloroethane	10.0		"	10.0		100	70-130			20	
1,1-Dichloroethylene	10.8		"	10.0		108	70-130			20	
1,1-Dichloropropylene	10.7		"	10.0		107	83-133			30	
1,2,3-Trichlorobenzene	12.5		"	10.0		125	70-130			20	
1,2,3-Trichloropropane	10.3		"	10.0		103	77-128			30	
1,2,4-Trichlorobenzene	9.11		"	10.0		91.1	70-130			20	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132			20	
1,2-Dibromo-3-chloropropane	9.82		"	10.0		98.2	40-160			20	
1,2-Dibromoethane	8.78		"	10.0		87.8	70-130			20	
1,2-Dichlorobenzene	9.67		"	10.0		96.7	70-130			20	
1,2-Dichloroethane	10.0		"	10.0		100	70-130			20	
1,2-Dichloropropane	9.82		"	10.0		98.2	70-130			20	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131			30	
1,3-Dichlorobenzene	9.79		"	10.0		97.9	70-130			20	
1,3-Dichloropropane	9.37		"	10.0		93.7	81-125			30	
1,4-Dichlorobenzene	9.53		"	10.0		95.3	70-130			20	
1,4-Dioxane	140		"	210		66.6	40-160			20	
2,2-Dichloropropane	10.1		"	10.0		101	56-150			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41153 - EPA 5030B											
LCS (BI41153-BS1) LCS							Prepared & Analyzed: 09/18/2024				
2-Butanone	10.5		ug/L	10.0		105	40-160			20	
2-Chlorotoluene	10.4		"	10.0		104	79-130			30	
2-Hexanone	8.25		"	10.0		82.5	40-160			20	
4-Chlorotoluene	10.6		"	10.0		106	79-128			30	
4-Methyl-2-pentanone	7.42		"	10.0		74.2	40-160			20	
Acetone	9.70		"	10.0		97.0	40-160			20	
Acrolein	3.99		"	10.0		39.9	10-153			30	
Acrylonitrile	8.57		"	10.0		85.7	51-150			30	
Benzene	10.6		"	10.0		106	70-130			20	
Bromobenzene	10.2		"	10.0		102	78-129			30	
Bromochloromethane	9.70		"	10.0		97.0	70-130			20	
Bromodichloromethane	9.26		"	10.0		92.6	70-130			20	
Bromoform	7.45		"	10.0		74.5	70-130			20	
Bromomethane	10.4		"	10.0		104	40-160			20	
Carbon disulfide	9.99		"	10.0		99.9	40-160			20	
Carbon tetrachloride	10.1		"	10.0		101	70-130			20	
Chlorobenzene	9.49		"	10.0		94.9	70-130			20	
Chloroethane	9.56		"	10.0		95.6	40-160			20	
Chloroform	10.1		"	10.0		101	70-130			20	
Chloromethane	9.09		"	10.0		90.9	40-160			20	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	70-130			20	
cis-1,3-Dichloropropylene	8.56		"	10.0		85.6	70-130			20	
Cyclohexane	10.1		"	10.0		101	70-130			20	
Dibromochloromethane	8.38		"	10.0		83.8	70-130			20	
Dibromomethane	9.00		"	10.0		90.0	72-134			30	
Dichlorodifluoromethane	8.07		"	10.0		80.7	40-160			20	
Ethyl Benzene	10.1		"	10.0		101	70-130			20	
Hexachlorobutadiene	7.89		"	10.0		78.9	67-146			30	
Isopropylbenzene	11.1		"	10.0		111	70-130			20	
Methyl acetate	8.33		"	10.0		83.3	70-130			20	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	70-130			20	
Methylcyclohexane	9.86		"	10.0		98.6	70-130			20	
Methylene chloride	10.1		"	10.0		101	70-130			20	
n-Butylbenzene	10.8		"	10.0		108	79-132			30	
n-Propylbenzene	11.0		"	10.0		110	78-133			30	
o-Xylene	9.61		"	10.0		96.1	70-130			20	
p- & m- Xylenes	20.0		"	20.0		100	70-130			20	
p-Isopropyltoluene	11.3		"	10.0		113	81-136			30	
sec-Butylbenzene	11.0		"	10.0		110	79-137			30	
Styrene	9.49		"	10.0		94.9	70-130			20	
tert-Butyl alcohol (TBA)	6.55		"	50.0		13.1	25-162	Low Bias		30	
tert-Butylbenzene	9.83		"	10.0		98.3	77-138			30	
Tetrachloroethylene	9.31		"	10.0		93.1	70-130			20	
Toluene	10.1		"	10.0		101	70-130			20	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	70-130			20	
trans-1,3-Dichloropropylene	8.07		"	10.0		80.7	70-130			20	
Trichloroethylene	9.74		"	10.0		97.4	70-130			20	
Trichlorofluoromethane	9.79		"	10.0		97.9	40-160			20	
Vinyl Chloride	9.61		"	10.0		96.1	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.67*		*"*	*10.0*		*96.7*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.85*		*"*	*10.0*		*98.5*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41153 - EPA 5030B											
LCS (BI41153-BS1) LCS								Prepared & Analyzed: 09/18/2024			
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*ug/L*	*10.0*		*107*	*70-130*				
LCS Dup (BI41153-BSD1) LCS Dup								Prepared & Analyzed: 09/18/2024			
1,1,1,2-Tetrachloroethane	8.96		ug/L	10.0		89.6	82-126		0.784	30	
1,1,1-Trichloroethane	10.0		"	10.0		100	70-130		1.00	20	
1,1,2,2-Tetrachloroethane	9.68		"	10.0		96.8	70-130		0.207	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	70-130		2.27	20	
1,1,2-Trichloroethane	9.14		"	10.0		91.4	70-130		0.219	20	
1,1-Dichloroethane	10.1		"	10.0		101	70-130		0.993	20	
1,1-Dichloroethylene	10.7		"	10.0		107	70-130		1.12	20	
1,1-Dichloropropylene	10.6		"	10.0		106	83-133		1.22	30	
1,2,3-Trichlorobenzene	13.2		"	10.0		132	70-130	High Bias	5.36	20	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		2.02	30	
1,2,4-Trichlorobenzene	9.72		"	10.0		97.2	70-130		6.48	20	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132		0.192	20	
1,2-Dibromo-3-chloropropane	8.80		"	10.0		88.0	40-160		11.0	20	
1,2-Dibromoethane	9.15		"	10.0		91.5	70-130		4.13	20	
1,2-Dichlorobenzene	9.59		"	10.0		95.9	70-130		0.831	20	
1,2-Dichloroethane	9.83		"	10.0		98.3	70-130		1.91	20	
1,2-Dichloropropane	9.95		"	10.0		99.5	70-130		1.32	20	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131		0.0924	30	
1,3-Dichlorobenzene	9.89		"	10.0		98.9	70-130		1.02	20	
1,3-Dichloropropane	9.31		"	10.0		93.1	81-125		0.642	30	
1,4-Dichlorobenzene	9.65		"	10.0		96.5	70-130		1.25	20	
1,4-Dioxane	152		"	210		72.2	40-160		7.98	20	
2,2-Dichloropropane	9.94		"	10.0		99.4	56-150		1.40	30	
2-Butanone	10.2		"	10.0		102	40-160		3.49	20	
2-Chlorotoluene	10.4		"	10.0		104	79-130		0.0957	30	
2-Hexanone	8.03		"	10.0		80.3	40-160		2.70	20	
4-Chlorotoluene	10.6		"	10.0		106	79-128		0.567	30	
4-Methyl-2-pentanone	7.24		"	10.0		72.4	40-160		2.46	20	
Acetone	8.49		"	10.0		84.9	40-160		13.3	20	
Acrolein	4.12		"	10.0		41.2	10-153		3.21	30	
Acrylonitrile	8.80		"	10.0		88.0	51-150		2.65	30	
Benzene	10.7		"	10.0		107	70-130		1.13	20	
Bromobenzene	10.2		"	10.0		102	78-129		0.784	30	
Bromochloromethane	9.58		"	10.0		95.8	70-130		1.24	20	
Bromodichloromethane	9.22		"	10.0		92.2	70-130		0.433	20	
Bromoform	7.60		"	10.0		76.0	70-130		1.99	20	
Bromomethane	10.6		"	10.0		106	40-160		1.71	20	
Carbon disulfide	9.86		"	10.0		98.6	40-160		1.31	20	
Carbon tetrachloride	9.98		"	10.0		99.8	70-130		1.20	20	
Chlorobenzene	9.53		"	10.0		95.3	70-130		0.421	20	
Chloroethane	9.54		"	10.0		95.4	40-160		0.209	20	
Chloroform	10.2		"	10.0		102	70-130		0.592	20	
Chloromethane	8.96		"	10.0		89.6	40-160		1.44	20	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	70-130		1.57	20	
cis-1,3-Dichloropropylene	8.58		"	10.0		85.8	70-130		0.233	20	
Cyclohexane	9.91		"	10.0		99.1	70-130		2.00	20	
Dibromochloromethane	8.14		"	10.0		81.4	70-130		2.91	20	
Dibromomethane	9.00		"	10.0		90.0	72-134		0.00	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41153 - EPA 5030B											
LCS Dup (BI41153-BSD1) LCS Dup								Prepared & Analyzed: 09/18/2024			
Dichlorodifluoromethane	7.57		ug/L	10.0		75.7	40-160		6.39	20	
Ethyl Benzene	10.3		"	10.0		103	70-130		1.37	20	
Hexachlorobutadiene	9.16		"	10.0		91.6	67-146		14.9	30	
Isopropylbenzene	11.0		"	10.0		110	70-130		0.181	20	
Methyl acetate	8.31		"	10.0		83.1	70-130		0.240	20	
Methyl tert-butyl ether (MTBE)	9.84		"	10.0		98.4	70-130		3.98	20	
Methylcyclohexane	9.85		"	10.0		98.5	70-130		0.101	20	
Methylene chloride	9.91		"	10.0		99.1	70-130		1.60	20	
n-Butylbenzene	10.7		"	10.0		107	79-132		0.186	30	
n-Propylbenzene	11.2		"	10.0		112	78-133		1.17	30	
o-Xylene	9.74		"	10.0		97.4	70-130		1.34	20	
p- & m- Xylenes	20.2		"	20.0		101	70-130		0.647	20	
p-Isopropyltoluene	11.3		"	10.0		113	81-136		0.354	30	
sec-Butylbenzene	11.0		"	10.0		110	79-137		0.0910	30	
Styrene	9.55		"	10.0		95.5	70-130		0.630	20	
tert-Butyl alcohol (TBA)	6.63		"	50.0		13.3	25-162	Low Bias	1.21	30	
tert-Butylbenzene	9.81		"	10.0		98.1	77-138		0.204	30	
Tetrachloroethylene	9.41		"	10.0		94.1	70-130		1.07	20	
Toluene	10.0		"	10.0		100	70-130		0.497	20	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	70-130		1.48	20	
trans-1,3-Dichloropropylene	7.99		"	10.0		79.9	70-130		0.996	20	
Trichloroethylene	9.84		"	10.0		98.4	70-130		1.02	20	
Trichlorofluoromethane	9.49		"	10.0		94.9	40-160		3.11	20	
Vinyl Chloride	9.50		"	10.0		95.0	70-130		1.15	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.49*		*"*	*10.0*		*94.9*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.83*		*"*	*10.0*		*98.3*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*70-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41155 - EPA 5035A											
Blank (BI41155-BLK1) Blank									Prepared & Analyzed: 09/18/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41155 - EPA 5035A											
Blank (BI41155-BLK1) Blank								Prepared & Analyzed: 09/18/2024			
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.6*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				
LCS (BI41155-BS1) LCS								Prepared & Analyzed: 09/18/2024			
1,1,1,2-Tetrachloroethane	50.0		ug/L	50.0		100	75-129			30	
1,1,1-Trichloroethane	46.5		"	50.0		93.1	70-130			30	
1,1,2,2-Tetrachloroethane	50.9		"	50.0		102	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.4		"	50.0		94.8	70-130			30	
1,1,2-Trichloroethane	46.1		"	50.0		92.2	70-130			30	
1,1-Dichloroethane	47.8		"	50.0		95.5	70-130			30	
1,1-Dichloroethylene	49.4		"	50.0		98.7	70-130			30	
1,1-Dichloropropylene	48.2		"	50.0		96.3	77-127			30	
1,2,3-Trichlorobenzene	51.0		"	50.0		102	70-130			30	
1,2,3-Trichloropropane	50.8		"	50.0		102	81-126			30	
1,2,4-Trichlorobenzene	54.4		"	50.0		109	70-130			30	
1,2,4-Trimethylbenzene	51.4		"	50.0		103	84-125			30	
1,2-Dibromo-3-chloropropane	53.0		"	50.0		106	40-160			30	
1,2-Dibromoethane	47.0		"	50.0		94.0	70-130			30	
1,2-Dichlorobenzene	47.7		"	50.0		95.4	70-130			30	
1,2-Dichloroethane	49.0		"	50.0		98.1	70-130			30	
1,2-Dichloropropane	49.1		"	50.0		98.2	70-130			30	
1,3,5-Trimethylbenzene	46.7		"	50.0		93.4	82-126			30	
1,3-Dichlorobenzene	48.3		"	50.0		96.7	70-130			30	
1,3-Dichloropropane	48.4		"	50.0		96.7	83-123			30	
1,4-Dichlorobenzene	49.2		"	50.0		98.3	70-130			30	
1,4-Dioxane	863		"	1050		82.2	40-160			30	
2,2-Dichloropropane	54.7		"	50.0		109	67-136			30	
2-Butanone	47.9		"	50.0		95.7	40-160			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41155 - EPA 5035A											
LCS (BI41155-BS1) LCS							Prepared & Analyzed: 09/18/2024				
2-Chlorotoluene	48.6		ug/L	50.0		97.3	78-127			30	
2-Hexanone	51.1		"	50.0		102	40-160			30	
4-Chlorotoluene	49.9		"	50.0		99.7	79-125			30	
4-Methyl-2-pentanone	38.6		"	50.0		77.1	40-160			30	
Acetone	32.1		"	50.0		64.1	40-160			30	
Acrolein	11.4		"	50.0		22.8	10-238			30	
Acrylonitrile	52.7		"	50.0		105	66-141			30	
Benzene	47.7		"	50.0		95.3	70-130			30	
Bromobenzene	50.7		"	50.0		101	77-129			30	
Bromochloromethane	48.3		"	50.0		96.6	70-130			30	
Bromodichloromethane	48.4		"	50.0		96.7	70-130			30	
Bromoform	51.7		"	50.0		103	70-130			30	
Bromomethane	41.9		"	50.0		83.7	40-160			30	
Carbon disulfide	48.1		"	50.0		96.2	40-160			30	
Carbon tetrachloride	46.9		"	50.0		93.8	70-130			30	
Chlorobenzene	47.2		"	50.0		94.5	70-130			30	
Chloroethane	41.9		"	50.0		83.7	51-142			30	
Chloroform	47.1		"	50.0		94.3	70-130			30	
Chloromethane	36.4		"	50.0		72.8	49-132			30	
cis-1,2-Dichloroethylene	48.3		"	50.0		96.6	70-130			30	
cis-1,3-Dichloropropylene	51.1		"	50.0		102	70-130			30	
Cyclohexane	49.6		"	50.0		99.2	70-130			30	
Dibromochloromethane	44.9		"	50.0		89.9	70-130			30	
Dibromomethane	46.0		"	50.0		92.0	83-124			30	
Dichlorodifluoromethane	27.5		"	50.0		55.0	40-160			30	
Ethyl Benzene	48.9		"	50.0		97.7	70-130			30	
Hexachlorobutadiene	52.3		"	50.0		105	83-133			30	
Isopropylbenzene	50.5		"	50.0		101	70-130			30	
Methyl acetate	46.5		"	50.0		93.1	70-130			30	
Methyl tert-butyl ether (MTBE)	49.0		"	50.0		98.0	70-130			30	
Methylcyclohexane	46.4		"	50.0		92.8	70-130			30	
Methylene chloride	47.7		"	50.0		95.4	70-130			30	
n-Butylbenzene	51.7		"	50.0		103	80-130			30	
n-Propylbenzene	50.4		"	50.0		101	74-136			30	
o-Xylene	48.6		"	50.0		97.1	70-130			30	
p- & m- Xylenes	94.7		"	100		94.7	70-130			30	
p-Isopropyltoluene	53.2		"	50.0		106	85-125			30	
sec-Butylbenzene	51.3		"	50.0		103	83-125			30	
Styrene	51.0		"	50.0		102	70-130			30	
tert-Butyl alcohol (TBA)	300		"	250		120	70-130			30	
tert-Butylbenzene	44.9		"	50.0		89.8	80-127			30	
Tetrachloroethylene	43.4		"	50.0		86.8	70-130			30	
Toluene	47.9		"	50.0		95.8	70-130			30	
trans-1,2-Dichloroethylene	49.0		"	50.0		98.0	70-130			30	
trans-1,3-Dichloropropylene	52.4		"	50.0		105	70-130			30	
Trichloroethylene	48.2		"	50.0		96.4	70-130			30	
Trichlorofluoromethane	42.4		"	50.0		84.7	40-160			30	
Vinyl Chloride	38.4		"	50.0		76.9	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.8*		*"*	*50.0*		*95.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.3*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41155 - EPA 5035A											
LCS (BI41155-BS1) LCS								Prepared & Analyzed: 09/18/2024			
LCS Dup (BI41155-BSD1) LCS Dup								Prepared & Analyzed: 09/18/2024			
1,1,1,2-Tetrachloroethane	50.2		ug/L	50.0		100	75-129		0.419	30	
1,1,1-Trichloroethane	49.7		"	50.0		99.3	70-130		6.49	30	
1,1,2,2-Tetrachloroethane	49.4		"	50.0		98.8	70-130		2.93	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0		"	50.0		100	70-130		5.40	30	
1,1,2-Trichloroethane	49.1		"	50.0		98.2	70-130		6.30	30	
1,1-Dichloroethane	49.0		"	50.0		98.0	70-130		2.54	30	
1,1-Dichloroethylene	53.9		"	50.0		108	70-130		8.72	30	
1,1-Dichloropropylene	51.0		"	50.0		102	77-127		5.65	30	
1,2,3-Trichlorobenzene	52.9		"	50.0		106	70-130		3.63	30	
1,2,3-Trichloropropane	47.7		"	50.0		95.5	81-126		6.23	30	
1,2,4-Trichlorobenzene	54.0		"	50.0		108	70-130		0.867	30	
1,2,4-Trimethylbenzene	50.6		"	50.0		101	84-125		1.69	30	
1,2-Dibromo-3-chloropropane	51.4		"	50.0		103	40-160		3.16	30	
1,2-Dibromoethane	48.7		"	50.0		97.5	70-130		3.61	30	
1,2-Dichlorobenzene	47.6		"	50.0		95.3	70-130		0.147	30	
1,2-Dichloroethane	52.0		"	50.0		104	70-130		5.88	30	
1,2-Dichloropropane	49.8		"	50.0		99.6	70-130		1.40	30	
1,3,5-Trimethylbenzene	48.9		"	50.0		97.9	82-126		4.73	30	
1,3-Dichlorobenzene	47.6		"	50.0		95.1	70-130		1.63	30	
1,3-Dichloropropane	50.1		"	50.0		100	83-123		3.60	30	
1,4-Dichlorobenzene	47.1		"	50.0		94.1	70-130		4.36	30	
1,4-Dioxane	886		"	1050		84.4	40-160		2.66	30	
2,2-Dichloropropane	58.0		"	50.0		116	67-136		6.00	30	
2-Butanone	49.4		"	50.0		98.8	40-160		3.19	30	
2-Chlorotoluene	50.4		"	50.0		101	78-127		3.53	30	
2-Hexanone	51.2		"	50.0		102	40-160		0.176	30	
4-Chlorotoluene	49.6		"	50.0		99.2	79-125		0.563	30	
4-Methyl-2-pentanone	39.2		"	50.0		78.4	40-160		1.72	30	
Acetone	32.2		"	50.0		64.4	40-160		0.436	30	
Acrolein	12.3		"	50.0		24.7	10-238		8.01	30	
Acrylonitrile	52.9		"	50.0		106	66-141		0.322	30	
Benzene	52.2		"	50.0		104	70-130		9.05	30	
Bromobenzene	51.5		"	50.0		103	77-129		1.66	30	
Bromochloromethane	51.5		"	50.0		103	70-130		6.41	30	
Bromodichloromethane	50.5		"	50.0		101	70-130		4.29	30	
Bromoform	51.2		"	50.0		102	70-130		0.913	30	
Bromomethane	46.7		"	50.0		93.4	40-160		11.0	30	
Carbon disulfide	50.2		"	50.0		100	40-160		4.39	30	
Carbon tetrachloride	51.2		"	50.0		102	70-130		8.75	30	
Chlorobenzene	49.4		"	50.0		98.8	70-130		4.51	30	
Chloroethane	43.1		"	50.0		86.2	51-142		2.90	30	
Chloroform	50.8		"	50.0		102	70-130		7.55	30	
Chloromethane	36.9		"	50.0		73.8	49-132		1.39	30	
cis-1,2-Dichloroethylene	52.4		"	50.0		105	70-130		8.07	30	
cis-1,3-Dichloropropylene	50.8		"	50.0		102	70-130		0.609	30	
Cyclohexane	51.8		"	50.0		104	70-130		4.48	30	
Dibromochloromethane	48.9		"	50.0		97.7	70-130		8.38	30	
Dibromomethane	47.0		"	50.0		93.9	83-124		2.13	30	
Dichlorodifluoromethane	27.2		"	50.0		54.4	40-160		1.17	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41155 - EPA 5035A											
LCS Dup (BI41155-BSD1) LCS Dup								Prepared & Analyzed: 09/18/2024			
Ethyl Benzene	49.2		ug/L	50.0		98.4	70-130		0.714	30	
Hexachlorobutadiene	52.2		"	50.0		104	83-133		0.287	30	
Isopropylbenzene	50.3		"	50.0		101	70-130		0.476	30	
Methyl acetate	48.9		"	50.0		97.7	70-130		4.88	30	
Methyl tert-butyl ether (MTBE)	55.0		"	50.0		110	70-130		11.6	30	
Methylcyclohexane	45.7		"	50.0		91.4	70-130		1.52	30	
Methylene chloride	50.6		"	50.0		101	70-130		5.98	30	
n-Butylbenzene	50.6		"	50.0		101	80-130		2.23	30	
n-Propylbenzene	51.0		"	50.0		102	74-136		1.14	30	
o-Xylene	47.9		"	50.0		95.7	70-130		1.45	30	
p- & m- Xylenes	96.5		"	100		96.5	70-130		1.88	30	
p-Isopropyltoluene	51.9		"	50.0		104	85-125		2.64	30	
sec-Butylbenzene	50.8		"	50.0		102	83-125		0.842	30	
Styrene	51.4		"	50.0		103	70-130		0.821	30	
tert-Butyl alcohol (TBA)	298		"	250		119	70-130		0.737	30	
tert-Butylbenzene	42.7		"	50.0		85.3	80-127		5.12	30	
Tetrachloroethylene	40.7		"	50.0		81.3	70-130		6.54	30	
Toluene	47.4		"	50.0		94.8	70-130		1.05	30	
trans-1,2-Dichloroethylene	52.3		"	50.0		105	70-130		6.44	30	
trans-1,3-Dichloropropylene	54.2		"	50.0		108	70-130		3.47	30	
Trichloroethylene	49.1		"	50.0		98.1	70-130		1.75	30	
Trichlorofluoromethane	45.2		"	50.0		90.3	40-160		6.44	30	
Vinyl Chloride	40.4		"	50.0		80.7	70-130		4.85	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.2*		*"*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				
Matrix Spike (BI41155-MS1) Matrix Spike *Source sample: 24I1064-01 (PE51_20)								Prepared & Analyzed: 09/18/2024			
1,1,1,2-Tetrachloroethane	34.5		ug/L	50.0	0.00	68.9	15-161			33	
1,1,1-Trichloroethane	38.7		"	50.0	0.00	77.5	70-130			30	
1,1,2,2-Tetrachloroethane	39.5		"	50.0	0.00	79.1	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	35.6		"	50.0	0.00	71.3	70-130			30	
1,1,2-Trichloroethane	38.6		"	50.0	0.00	77.1	70-130			30	
1,1-Dichloroethane	39.8		"	50.0	0.00	79.6	70-130			30	
1,1-Dichloroethylene	43.6		"	50.0	0.00	87.3	70-130			30	
1,1-Dichloropropylene	39.4		"	50.0	0.00	78.7	40-133			28	
1,2,3-Trichlorobenzene	12.4		"	50.0	0.00	24.9	70-130	Low Bias		30	
1,2,3-Trichloropropane	39.6		"	50.0	0.00	79.1	38-155			48	
1,2,4-Trichlorobenzene	12.6		"	50.0	0.00	25.2	70-130	Low Bias		30	
1,2,4-Trimethylbenzene	26.4		"	50.0	0.00	52.7	10-170			242	
1,2-Dibromo-3-chloropropane	32.4		"	50.0	0.00	64.7	40-160			30	
1,2-Dibromoethane	39.3		"	50.0	0.00	78.6	70-130			30	
1,2-Dichlorobenzene	20.8		"	50.0	0.00	41.5	70-130	Low Bias		30	
1,2-Dichloroethane	40.0		"	50.0	0.00	80.0	70-130			30	
1,2-Dichloropropane	41.0		"	50.0	0.00	82.0	70-130			30	
1,3,5-Trimethylbenzene	27.4		"	50.0	0.00	54.8	10-150			62	
1,3-Dichlorobenzene	23.6		"	50.0	0.00	47.1	70-130	Low Bias		30	
1,3-Dichloropropane	39.4		"	50.0	0.00	78.9	43-142			36	
1,4-Dichlorobenzene	24.0		"	50.0	0.00	48.0	70-130	Low Bias		30	
1,4-Dioxane	850		"	1050	0.00	81.0	40-160			30	
2,2-Dichloropropane	42.2		"	50.0	0.00	84.4	38-130			31	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41155 - EPA 5035A											
Matrix Spike (BI41155-MS1) Matrix Spike	*Source sample: 24I1064-01 (PE51_20)							Prepared & Analyzed: 09/18/2024			
2-Butanone	41.0		ug/L	50.0	0.00	82.1	40-160			30	
2-Chlorotoluene	29.5		"	50.0	0.00	58.9	14-144			49	
2-Hexanone	42.4		"	50.0	0.00	84.7	40-160			30	
4-Chlorotoluene	29.6		"	50.0	0.00	59.3	15-138			39	
4-Methyl-2-pentanone	33.6		"	50.0	0.00	67.2	40-160			30	
Acetone	28.6		"	50.0	2.10	52.9	40-160			30	
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias		128	
Acrylonitrile	46.8		"	50.0	0.00	93.6	13-161			48	
Benzene	38.4		"	50.0	0.00	76.7	70-130			30	
Bromobenzene	32.4		"	50.0	0.00	64.8	23-142			44	
Bromochloromethane	41.1		"	50.0	0.00	82.1	70-130			30	
Bromodichloromethane	40.2		"	50.0	0.00	80.4	70-130			30	
Bromoform	31.6		"	50.0	0.00	63.3	70-130	Low Bias		30	
Bromomethane	38.1		"	50.0	0.00	76.1	40-160			30	
Carbon disulfide	36.9		"	50.0	0.00	73.8	40-160			30	
Carbon tetrachloride	37.6		"	50.0	0.00	75.3	70-130			30	
Chlorobenzene	30.6		"	50.0	0.00	61.3	70-130	Low Bias		30	
Chloroethane	36.3		"	50.0	0.00	72.6	40-160			30	
Chloroform	40.1		"	50.0	0.00	80.2	70-130			30	
Chloromethane	26.7		"	50.0	0.00	53.5	40-160			30	
cis-1,2-Dichloroethylene	41.3		"	50.0	0.00	82.5	70-130			30	
cis-1,3-Dichloropropylene	39.5		"	50.0	0.00	79.0	70-130			30	
Cyclohexane	36.1		"	50.0	0.00	72.2	70-130			30	
Dibromochloromethane	38.0		"	50.0	0.00	76.0	70-130			30	
Dibromomethane	36.4		"	50.0	0.00	72.9	47-143			41	
Dichlorodifluoromethane	22.5		"	50.0	0.00	45.0	40-160			30	
Ethyl Benzene	33.8		"	50.0	0.00	67.5	70-130	Low Bias		30	
Hexachlorobutadiene	11.2		"	50.0	0.00	22.5	10-158			45	
Isopropylbenzene	31.2		"	50.0	0.00	62.5	70-130	Low Bias		30	
Methyl acetate	61.2		"	50.0	0.00	122	70-130			30	
Methyl tert-butyl ether (MTBE)	42.4		"	50.0	0.00	84.8	70-130			30	
Methylcyclohexane	29.0		"	50.0	0.00	58.1	70-130	Low Bias		30	
Methylene chloride	40.4		"	50.0	1.32	78.2	70-130			30	
n-Butylbenzene	21.2		"	50.0	0.00	42.5	10-162			96	
n-Propylbenzene	29.3		"	50.0	0.00	58.5	10-155			56	
o-Xylene	32.7		"	50.0	0.00	65.4	70-130	Low Bias		30	
p- & m- Xylenes	60.8		"	100	0.00	60.8	70-130	Low Bias		30	
p-Isopropyltoluene	23.7		"	50.0	0.00	47.5	10-147			60	
sec-Butylbenzene	24.8		"	50.0	0.00	49.6	10-157			56	
Styrene	31.6		"	50.0	0.00	63.2	70-130	Low Bias		30	
tert-Butyl alcohol (TBA)	240		"	250	0.00	96.0	34-179			35	
tert-Butylbenzene	23.4		"	50.0	0.00	46.8	10-160			79	
Tetrachloroethylene	25.8		"	50.0	0.00	51.6	70-130	Low Bias		30	
Toluene	37.4		"	50.0	0.00	74.7	70-130			30	
trans-1,2-Dichloroethylene	41.0		"	50.0	0.00	81.9	70-130			30	
trans-1,3-Dichloropropylene	40.0		"	50.0	0.00	80.0	70-130			30	
Trichloroethylene	37.5		"	50.0	0.00	75.0	70-130			30	
Trichlorofluoromethane	37.2		"	50.0	0.00	74.4	40-160			30	
Vinyl Chloride	33.5		"	50.0	0.00	67.0	70-130	Low Bias		30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.1*	*85-120*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41155 - EPA 5035A											
Matrix Spike (BI41155-MS1) Matrix Spike	*Source sample: 24I1064-01 (PE51_20)							Prepared & Analyzed: 09/18/2024			
Surrogate: SURR: p-Bromofluorobenzene	*53.6*		*ug/L*	*50.0*		*107*	*76-130*				
Matrix Spike Dup (BI41155-M Matrix Spike Dup	*Source sample: 24I1064-01 (PE51_20)							Prepared & Analyzed: 09/18/2024			
1,1,1,2-Tetrachloroethane	38.9		ug/L	50.0	0.00	77.8	15-161		12.1	33	
1,1,1-Trichloroethane	42.7		"	50.0	0.00	85.4	70-130		9.70	30	
1,1,2,2-Tetrachloroethane	45.5		"	50.0	0.00	90.9	70-130		13.9	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.4		"	50.0	0.00	80.8	70-130		12.5	30	
1,1,2-Trichloroethane	44.6		"	50.0	0.00	89.2	70-130		14.6	30	
1,1-Dichloroethane	45.1		"	50.0	0.00	90.2	70-130		12.5	30	
1,1-Dichloroethylene	47.5		"	50.0	0.00	94.9	70-130		8.39	30	
1,1-Dichloropropylene	43.8		"	50.0	0.00	87.6	40-133		10.6	28	
1,2,3-Trichlorobenzene	16.1		"	50.0	0.00	32.2	70-130	Low Bias	25.7	30	
1,2,3-Trichloropropane	43.9		"	50.0	0.00	87.7	38-155		10.3	48	
1,2,4-Trichlorobenzene	17.1		"	50.0	0.00	34.2	70-130	Low Bias	30.3	30	Non-dir.
1,2,4-Trimethylbenzene	30.6		"	50.0	0.00	61.3	10-170		15.1	242	
1,2-Dibromo-3-chloropropane	41.5		"	50.0	0.00	83.1	40-160		24.8	30	
1,2-Dibromoethane	44.9		"	50.0	0.00	89.8	70-130		13.3	30	
1,2-Dichlorobenzene	26.6		"	50.0	0.00	53.2	70-130	Low Bias	24.7	30	
1,2-Dichloroethane	45.8		"	50.0	0.00	91.7	70-130		13.6	30	
1,2-Dichloropropane	47.3		"	50.0	0.00	94.5	70-130		14.2	30	
1,3,5-Trimethylbenzene	30.4		"	50.0	0.00	60.9	10-150		10.6	62	
1,3-Dichlorobenzene	27.4		"	50.0	0.00	54.9	70-130	Low Bias	15.3	30	
1,3-Dichloropropane	45.7		"	50.0	0.00	91.4	43-142		14.7	36	
1,4-Dichlorobenzene	27.0		"	50.0	0.00	54.1	70-130	Low Bias	12.0	30	
1,4-Dioxane	883		"	1050	0.00	84.1	40-160		3.82	30	
2,2-Dichloropropane	48.2		"	50.0	0.00	96.3	38-130		13.2	31	
2-Butanone	45.3		"	50.0	0.00	90.6	40-160		9.94	30	
2-Chlorotoluene	33.2		"	50.0	0.00	66.3	14-144		11.8	49	
2-Hexanone	51.2		"	50.0	0.00	102	40-160		18.9	30	
4-Chlorotoluene	33.7		"	50.0	0.00	67.3	15-138		12.7	39	
4-Methyl-2-pentanone	38.8		"	50.0	0.00	77.6	40-160		14.4	30	
Acetone	37.8		"	50.0	2.00	71.5	40-160		27.7	30	
Acrolein	1.29		"	50.0	0.00	2.58	10-192	Low Bias		128	
Acrylonitrile	49.1		"	50.0	0.00	98.2	13-161		4.79	48	
Benzene	44.7		"	50.0	0.00	89.3	70-130		15.2	30	
Bromobenzene	36.8		"	50.0	0.00	73.7	23-142		12.8	44	
Bromochloromethane	47.6		"	50.0	0.00	95.2	70-130		14.7	30	
Bromodichloromethane	46.7		"	50.0	0.00	93.4	70-130		14.9	30	
Bromoform	41.9		"	50.0	0.00	83.9	70-130		28.0	30	
Bromomethane	39.6		"	50.0	0.00	79.1	40-160		3.84	30	
Carbon disulfide	40.1		"	50.0	0.00	80.2	40-160		8.28	30	
Carbon tetrachloride	41.9		"	50.0	0.00	83.7	70-130		10.7	30	
Chlorobenzene	40.8		"	50.0	0.00	81.7	70-130		28.5	30	
Chloroethane	38.2		"	50.0	0.00	76.3	40-160		4.94	30	
Chloroform	45.4		"	50.0	0.00	90.8	70-130		12.4	30	
Chloromethane	27.8		"	50.0	0.00	55.7	40-160		4.10	30	
cis-1,2-Dichloroethylene	46.0		"	50.0	0.00	92.0	70-130		10.9	30	
cis-1,3-Dichloropropylene	46.0		"	50.0	0.00	91.9	70-130		15.1	30	
Cyclohexane	38.9		"	50.0	0.00	77.7	70-130		7.42	30	
Dibromochloromethane	41.2		"	50.0	0.00	82.5	70-130		8.13	30	
Dibromomethane	43.7		"	50.0	0.00	87.4	47-143		18.1	41	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41155 - EPA 5035A											
Matrix Spike Dup (BI41155-M Matrix Spike Dup	*Source sample: 24I1064-01 (PE51_20)								Prepared & Analyzed: 09/18/2024		
Dichlorodifluoromethane	22.1		ug/L	50.0	0.00	44.2	40-160		1.70	30	
Ethyl Benzene	41.4		"	50.0	0.00	82.9	70-130		20.4	30	
Hexachlorobutadiene	14.8		"	50.0	0.00	29.5	10-158		27.2	45	
Isopropylbenzene	35.9		"	50.0	0.00	71.9	70-130		14.0	30	
Methyl acetate	60.9		"	50.0	0.00	122	70-130		0.541	30	
Methyl tert-butyl ether (MTBE)	49.9		"	50.0	0.00	99.7	70-130		16.2	30	
Methylcyclohexane	30.2		"	50.0	0.00	60.4	70-130	Low Bias	3.85	30	
Methylene chloride	45.2		"	50.0	1.26	87.9	70-130		11.2	30	
n-Butylbenzene	22.9		"	50.0	0.00	45.9	10-162		7.65	96	
n-Propylbenzene	32.2		"	50.0	0.00	64.3	10-155		9.41	56	
o-Xylene	37.5		"	50.0	0.00	75.0	70-130		13.6	30	
p- & m- Xylenes	73.8		"	100	0.00	73.8	70-130		19.4	30	
p-Isopropyltoluene	27.6		"	50.0	0.00	55.3	10-147		15.2	60	
sec-Butylbenzene	27.6		"	50.0	0.00	55.1	10-157		10.5	56	
Styrene	38.1		"	50.0	0.00	76.2	70-130		18.7	30	
tert-Butyl alcohol (TBA)	277		"	250	0.00	111	34-179		14.3	35	
tert-Butylbenzene	26.5		"	50.0	0.00	53.0	10-160		12.4	79	
Tetrachloroethylene	33.1		"	50.0	0.00	66.2	70-130	Low Bias	24.7	30	
Toluene	42.8		"	50.0	0.00	85.7	70-130		13.7	30	
trans-1,2-Dichloroethylene	41.7		"	50.0	0.00	83.3	70-130		1.72	30	
trans-1,3-Dichloropropylene	44.4		"	50.0	0.00	88.8	70-130		10.4	30	
Trichloroethylene	44.7		"	50.0	0.00	89.4	70-130		17.5	30	
Trichlorofluoromethane	38.5		"	50.0	0.00	77.0	40-160		3.35	30	
Vinyl Chloride	35.2		"	50.0	0.00	70.3	70-130		4.75	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.2*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*99.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI41292 - EPA 3550C

Blank (BI41292-BLK1) Blank — Prepared & Analyzed: 09/20/2024

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2,4-Trichlorobenzene	ND	0.0416	"
1,2-Dichlorobenzene	ND	0.0416	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41292 - EPA 3550C											
Blank (BI41292-BLK1) Blank									Prepared & Analyzed: 09/20/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.971*		"	*1.66*		*58.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.766*		"	*1.66*		*46.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.618*		"	*0.831*		*74.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.506*		"	*0.831*		*60.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.52*		"	*1.66*		*91.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.575*		"	*0.831*		*69.2*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41292 - EPA 3550C											
LCS (BI41292-BS1) LCS								Prepared & Analyzed: 09/20/2024			
1,1-Biphenyl	0.526	0.0416	mg/kg wet	0.831		63.4	18-111				
1,2,4,5-Tetrachlorobenzene	0.590	0.0830	"	0.831		71.0	21-131				
1,2,4-Trichlorobenzene	0.568	0.0416	"	1.25		45.6	10-140				
1,2-Dichlorobenzene	0.496	0.0416	"	1.25		39.8	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.641	0.0416	"	1.25		51.4	17-137				
1,3-Dichlorobenzene	0.491	0.0416	"	1.25		39.4	33-110				
1,4-Dichlorobenzene	0.491	0.0416	"	1.25		39.4	32-104				
2,3,4,6-Tetrachlorophenol	0.384	0.0830	"	1.25		30.8	30-130				
2,4,5-Trichlorophenol	0.494	0.0416	"	1.25		39.7	27-118				
2,4,6-Trichlorophenol	0.565	0.0416	"	1.25		45.4	31-120				
2,4-Dichlorophenol	0.571	0.0416	"	1.25		45.9	20-127				
2,4-Dimethylphenol	0.486	0.0416	"	1.25		39.0	14-132				
2,4-Dinitrophenol	0.443	0.0830	"	1.25		35.6	10-171				
2,4-Dinitrotoluene	0.681	0.0416	"	1.25		54.6	34-131				
2,6-Dinitrotoluene	0.651	0.0416	"	1.25		52.2	31-128				
2-Chloronaphthalene	0.514	0.0416	"	1.25		41.3	31-117				
2-Chlorophenol	0.518	0.0416	"	1.25		41.6	33-113				
2-Methylnaphthalene	0.529	0.0416	"	1.25		42.4	12-138				
2-Methylphenol	0.302	0.0416	"	1.25		24.2	10-136				
2-Nitroaniline	0.579	0.0830	"	1.25		46.5	27-132				
2-Nitrophenol	0.656	0.0416	"	1.25		52.7	17-129				
3- & 4-Methylphenols	0.341	0.0416	"	1.25		27.4	29-103	Low Bias			
3,3-Dichlorobenzidine	0.446	0.0416	"	0.831		53.7	22-149				
3-Nitroaniline	0.479	0.0830	"	1.25		38.5	20-133				
4,6-Dinitro-2-methylphenol	0.987	0.0830	"	1.25		79.2	10-143				
4-Bromophenyl phenyl ether	0.633	0.0416	"	1.25		50.8	29-120				
4-Chloro-3-methylphenol	0.592	0.0416	"	1.25		47.5	24-129				
4-Chloroaniline	0.449	0.0416	"	1.25		36.1	10-132				
4-Chlorophenyl phenyl ether	0.556	0.0416	"	1.25		44.7	27-124				
4-Nitroaniline	0.501	0.0830	"	1.25		40.2	16-128				
4-Nitrophenol	0.944	0.0830	"	1.25		75.8	10-141				
Acenaphthene	0.487	0.0416	"	1.25		39.1	30-121				
Acenaphthylene	0.481	0.0416	"	1.25		38.6	30-115				
Acetophenone	0.552	0.0416	"	0.831		66.5	20-112				
Aniline	0.844	0.166	"	1.25		67.8	10-119				
Anthracene	0.542	0.0416	"	1.25		43.5	34-118				
Atrazine	0.656	0.0416	"	0.831		79.0	26-112				
Benzaldehyde	0.582	0.0416	"	0.831		70.1	21-100				
Benzo(a)anthracene	0.489	0.0416	"	1.25		39.3	32-122				
Benzo(a)pyrene	0.504	0.0416	"	1.25		40.5	29-133				
Benzo(b)fluoranthene	0.553	0.0416	"	1.25		44.4	25-133				
Benzo(g,h,i)perylene	0.579	0.0416	"	1.25		46.5	10-143				
Benzo(k)fluoranthene	0.553	0.0416	"	1.25		44.4	25-128				
Benzoic acid	0.490	0.0416	"	0.831		59.0	10-140				
Benzyl alcohol	0.482	0.0416	"	1.25		38.7	30-115				
Benzyl butyl phthalate	0.457	0.0416	"	1.25		36.7	26-126				
Bis(2-chloroethoxy)methane	0.606	0.0416	"	1.25		48.6	19-132				
Bis(2-chloroethyl)ether	1.21	0.0416	"	1.25		97.5	19-125				
Bis(2-chloroisopropyl)ether	0.617	0.0416	"	1.25		49.5	20-135				
Bis(2-ethylhexyl)phthalate	0.485	0.0416	"	1.25		39.0	10-155				
Caprolactam	0.687	0.0830	"	0.831		82.7	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41292 - EPA 3550C											
LCS (BI41292-BS1) LCS							Prepared & Analyzed: 09/20/2024				
Carbazole	0.509	0.0416	mg/kg wet	1.25		40.9	35-123				
Chrysene	0.508	0.0416	"	1.25		40.8	32-123				
Dibenzo(a,h)anthracene	0.580	0.0416	"	1.25		46.5	10-136				
Dibenzofuran	0.510	0.0416	"	1.25		40.9	29-121				
Diethyl phthalate	0.509	0.0416	"	1.25		40.9	34-116				
Dimethyl phthalate	0.522	0.0416	"	1.25		41.9	35-124				
Di-n-butyl phthalate	0.538	0.0416	"	1.25		43.2	31-116				
Di-n-octyl phthalate	0.435	0.0416	"	1.25		34.9	26-136				
Fluoranthene	0.535	0.0416	"	1.25		43.0	33-122				
Fluorene	0.509	0.0416	"	1.25		40.8	29-123				
Hexachlorobenzene	0.497	0.0416	"	1.25		39.9	21-124				
Hexachlorobutadiene	0.624	0.0416	"	1.25		50.1	10-149				
Hexachlorocyclopentadiene	0.428	0.0416	"	1.25		34.3	10-129				
Hexachloroethane	0.542	0.0416	"	1.25		43.5	28-108				
Indeno(1,2,3-cd)pyrene	0.579	0.0416	"	1.25		46.5	10-135				
Isophorone	0.616	0.0416	"	1.25		49.5	20-132				
Naphthalene	0.523	0.0416	"	1.25		42.0	23-124				
Nitrobenzene	0.602	0.0416	"	1.25		48.3	13-132				
N-Nitrosodimethylamine	0.565	0.0416	"	1.25		45.4	11-129				
N-nitroso-di-n-propylamine	0.548	0.0416	"	1.25		43.9	24-119				
N-Nitrosodiphenylamine	0.611	0.0416	"	1.25		49.1	22-152				
Pentachlorophenol	0.0894	0.0416	"	1.25		7.17	10-139	Low Bias			
Phenanthrene	0.534	0.0416	"	1.25		42.9	33-123				
Phenol	0.0442	0.0416	"	1.25		3.55	23-115	Low Bias			
Pyrene	0.475	0.0416	"	1.25		38.1	24-130				
Pyridine	0.471	0.166	"	1.25		37.8	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.04*		"	*1.66*		*62.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.937*		"	*1.66*		*56.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.643*		"	*0.831*		*77.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.538*		"	*0.831*		*64.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.80*		"	*1.66*		*108*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.580*		"	*0.831*		*69.9*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41292 - EPA 3550C											
Matrix Spike (BI41292-MS2) Matrix Spike *Source sample: 24I1064-01 (PE51_20)								Prepared: 09/20/2024 Analyzed: 09/23/2024			
1,1-Biphenyl	0.490	0.0893	mg/kg dry	0.892	ND	55.0	10-130				
1,2,4,5-Tetrachlorobenzene	0.558	0.178	"	0.892	ND	62.6	10-133				
1,2,4-Trichlorobenzene	0.651	0.0893	"	1.34	ND	48.6	10-127				
1,2-Dichlorobenzene	0.535	0.0893	"	1.34	ND	40.0	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.565	0.0893	"	1.34	ND	42.2	10-144				
1,3-Dichlorobenzene	0.512	0.0893	"	1.34	ND	38.2	11-111				
1,4-Dichlorobenzene	0.502	0.0893	"	1.34	ND	37.5	10-106				
2,3,4,6-Tetrachlorophenol	0.677	0.178	"	1.34	ND	50.6	30-130				
2,4,5-Trichlorophenol	0.650	0.0893	"	1.34	ND	48.6	10-127				
2,4,6-Trichlorophenol	0.670	0.0893	"	1.34	ND	50.0	10-132				
2,4-Dichlorophenol	0.662	0.0893	"	1.34	ND	49.5	10-128				
2,4-Dimethylphenol	0.621	0.0893	"	1.34	ND	46.4	10-137				
2,4-Dinitrophenol	ND	0.178	"	1.34	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.440	0.0893	"	1.34	ND	32.9	16-135				
2,6-Dinitrotoluene	0.481	0.0893	"	1.34	ND	35.9	18-131				
2-Chloronaphthalene	0.550	0.0893	"	1.34	ND	41.1	10-129				
2-Chlorophenol	0.589	0.0893	"	1.34	ND	44.0	15-116				
2-Methylnaphthalene	0.715	0.0893	"	1.34	ND	53.4	10-147				
2-Methylphenol	0.500	0.0893	"	1.34	ND	37.3	10-136				
2-Nitroaniline	0.743	0.178	"	1.34	ND	55.5	10-137				
2-Nitrophenol	0.413	0.0893	"	1.34	ND	30.9	10-129				
3- & 4-Methylphenols	0.463	0.0893	"	1.34	ND	34.6	10-123				
3,3-Dichlorobenzidine	0.590	0.0893	"	0.892	ND	66.2	10-155				
3-Nitroaniline	0.740	0.178	"	1.34	ND	55.3	12-133				
4,6-Dinitro-2-methylphenol	ND	0.178	"	1.34	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.690	0.0893	"	1.34	ND	51.5	14-128				
4-Chloro-3-methylphenol	0.703	0.0893	"	1.34	ND	52.5	10-134				
4-Chloroaniline	0.586	0.0893	"	1.34	ND	43.8	10-145				
4-Chlorophenyl phenyl ether	0.607	0.0893	"	1.34	ND	45.3	14-130				
4-Nitroaniline	0.717	0.178	"	1.34	ND	53.5	10-147				
4-Nitrophenol	0.598	0.178	"	1.34	ND	44.7	10-137				
Acenaphthene	0.626	0.0893	"	1.34	ND	46.8	10-146				
Acenaphthylene	0.525	0.0893	"	1.34	ND	39.3	10-134				
Acetophenone	0.548	0.0893	"	0.892	ND	61.4	10-116				
Aniline	0.517	0.358	"	1.34	ND	38.6	10-123				
Anthracene	0.790	0.0893	"	1.34	ND	59.0	10-142				
Atrazine	0.622	0.0893	"	0.892	ND	69.8	19-115				
Benzaldehyde	0.536	0.0893	"	0.892	ND	60.1	10-125				
Benzo(a)anthracene	0.923	0.0893	"	1.34	0.109	60.8	10-158				
Benzo(a)pyrene	0.727	0.0893	"	1.34	0.0941	47.3	10-180				
Benzo(b)fluoranthene	0.681	0.0893	"	1.34	0.0719	45.5	10-200				
Benzo(g,h,i)perylene	0.703	0.0893	"	1.34	0.0726	47.1	10-138				
Benzo(k)fluoranthene	0.710	0.0893	"	1.34	0.0762	47.4	10-197				
Benzoic acid	0.0985	0.0893	"	0.892	ND	11.0	10-166				
Benzyl alcohol	0.530	0.0893	"	1.34	ND	39.6	12-124				
Benzyl butyl phthalate	0.658	0.0893	"	1.34	ND	49.2	10-154				
Bis(2-chloroethoxy)methane	0.524	0.0893	"	1.34	ND	39.1	10-132				
Bis(2-chloroethyl)ether	0.469	0.0893	"	1.34	ND	35.0	10-119				
Bis(2-chloroisopropyl)ether	0.405	0.0893	"	1.34	ND	30.3	10-139				
Bis(2-ethylhexyl)phthalate	0.600	0.0893	"	1.34	0.0805	38.8	10-167				
Caprolactam	0.642	0.178	"	0.892	ND	71.9	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41292 - EPA 3550C											
Matrix Spike (BI41292-MS2) Matrix Spike *Source sample: 24I1064-01 (PE51_20)								Prepared: 09/20/2024 Analyzed: 09/23/2024			
Carbazole	0.665	0.0893	mg/kg dry	1.34	ND	49.7	10-167				
Chrysene	0.808	0.0893	"	1.34	0.117	51.6	10-156				
Dibenzo(a,h)anthracene	0.664	0.0893	"	1.34	ND	49.6	10-137				
Dibenzofuran	0.615	0.0893	"	1.34	ND	45.9	10-147				
Diethyl phthalate	0.498	0.0893	"	1.34	ND	37.2	20-120				
Dimethyl phthalate	0.523	0.0893	"	1.34	ND	39.1	18-131				
Di-n-butyl phthalate	0.560	0.0893	"	1.34	ND	41.9	10-137				
Di-n-octyl phthalate	0.566	0.0893	"	1.34	ND	42.3	10-180				
Fluoranthene	1.09	0.0893	"	1.34	0.183	68.1	10-160				
Fluorene	0.689	0.0893	"	1.34	ND	51.5	10-157				
Hexachlorobenzene	0.607	0.0893	"	1.34	ND	45.3	10-137				
Hexachlorobutadiene	0.650	0.0893	"	1.34	ND	48.6	10-132				
Hexachlorocyclopentadiene	ND	0.0893	"	1.34	ND		10-106	Low Bias			
Hexachloroethane	0.432	0.0893	"	1.34	ND	32.3	10-110				
Indeno(1,2,3-cd)pyrene	0.897	0.0893	"	1.34	0.0675	62.0	10-144				
Isophorone	0.549	0.0893	"	1.34	ND	41.0	10-132				
Naphthalene	0.785	0.0893	"	1.34	ND	58.7	10-141				
Nitrobenzene	0.499	0.0893	"	1.34	ND	37.3	10-131				
N-Nitrosodimethylamine	0.397	0.0893	"	1.34	ND	29.7	10-126				
N-nitroso-di-n-propylamine	0.483	0.0893	"	1.34	ND	36.1	10-125				
N-Nitrosodiphenylamine	0.793	0.0893	"	1.34	ND	59.3	10-177				
Pentachlorophenol	0.495	0.0893	"	1.34	ND	37.0	10-153				
Phenanthrene	1.27	0.0893	"	1.34	0.144	83.8	10-148				
Phenol	0.610	0.0893	"	1.34	ND	45.6	10-126				
Pyrene	1.27	0.0893	"	1.34	0.292	73.1	10-165				
Pyridine	0.327	0.358	"	1.34	ND	24.4	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.15*		*"*	*1.78*		*64.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.06*		*"*	*1.78*		*59.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.600*		*"*	*0.892*		*67.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.605*		*"*	*0.892*		*67.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.66*		*"*	*1.78*		*93.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.755*		*"*	*0.892*		*84.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BI41292 - EPA 3550C

Matrix Spike Dup (BI41292-M Matrix Spike Dup Source sample: 24I1064-01 (PE51_20) Prepared: 09/20/2024 Analyzed: 09/23/2024

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.343	0.0893	mg/kg dry	0.892	ND	38.4	10-130		35.5	30	Non-dir.
1,2,4,5-Tetrachlorobenzene	0.387	0.178	"	0.892	ND	43.4	10-133		36.3	30	Non-dir.
1,2,4-Trichlorobenzene	0.451	0.0893	"	1.34	ND	33.7	10-127		36.3	30	Non-dir.
1,2-Dichlorobenzene	0.388	0.0893	"	1.34	ND	29.0	14-111		31.8	30	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	0.399	0.0893	"	1.34	ND	29.8	10-144		34.4	30	Non-dir.
1,3-Dichlorobenzene	0.380	0.0893	"	1.34	ND	28.4	11-111		29.6	30	
1,4-Dichlorobenzene	0.395	0.0893	"	1.34	ND	29.5	10-106		23.9	30	
2,3,4,6-Tetrachlorophenol	0.463	0.178	"	1.34	ND	34.6	30-130		37.6	30	Non-dir.
2,4,5-Trichlorophenol	0.441	0.0893	"	1.34	ND	33.0	10-127		38.3	30	Non-dir.
2,4,6-Trichlorophenol	0.506	0.0893	"	1.34	ND	37.8	10-132		27.8	30	
2,4-Dichlorophenol	0.497	0.0893	"	1.34	ND	37.1	10-128		28.6	30	
2,4-Dimethylphenol	0.435	0.0893	"	1.34	ND	32.5	10-137		35.3	30	Non-dir.
2,4-Dinitrophenol	ND	0.178	"	1.34	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.352	0.0893	"	1.34	ND	26.3	16-135		22.3	30	
2,6-Dinitrotoluene	0.330	0.0893	"	1.34	ND	24.6	18-131		37.3	30	Non-dir.
2-Chloronaphthalene	0.397	0.0893	"	1.34	ND	29.7	10-129		32.4	30	Non-dir.
2-Chlorophenol	0.416	0.0893	"	1.34	ND	31.1	15-116		34.4	30	Non-dir.
2-Methylnaphthalene	0.461	0.0893	"	1.34	ND	34.5	10-147		43.2	30	Non-dir.
2-Methylphenol	0.366	0.0893	"	1.34	ND	27.3	10-136		31.0	30	Non-dir.
2-Nitroaniline	0.528	0.178	"	1.34	ND	39.5	10-137		33.8	30	Non-dir.
2-Nitrophenol	0.375	0.0893	"	1.34	ND	28.1	10-129		9.59	30	
3- & 4-Methylphenols	0.314	0.0893	"	1.34	ND	23.5	10-123		38.2	30	Non-dir.
3,3-Dichlorobenzidine	0.388	0.0893	"	0.892	ND	43.4	10-155		41.5	30	Non-dir.
3-Nitroaniline	0.495	0.178	"	1.34	ND	37.0	12-133		39.6	30	Non-dir.
4,6-Dinitro-2-methylphenol	ND	0.178	"	1.34	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.475	0.0893	"	1.34	ND	35.5	14-128		36.9	30	Non-dir.
4-Chloro-3-methylphenol	0.490	0.0893	"	1.34	ND	36.6	10-134		35.8	30	Non-dir.
4-Chloroaniline	0.415	0.0893	"	1.34	ND	31.0	10-145		34.1	30	Non-dir.
4-Chlorophenyl phenyl ether	0.403	0.0893	"	1.34	ND	30.1	14-130		40.5	30	Non-dir.
4-Nitroaniline	0.483	0.178	"	1.34	ND	36.1	10-147		38.9	30	Non-dir.
4-Nitrophenol	0.374	0.178	"	1.34	ND	27.9	10-137		46.1	30	Non-dir.
Acenaphthene	0.368	0.0893	"	1.34	ND	27.5	10-146		51.8	30	Non-dir.
Acenaphthylene	0.374	0.0893	"	1.34	ND	27.9	10-134		33.7	30	Non-dir.
Acetophenone	0.402	0.0893	"	0.892	ND	45.0	10-116		30.7	30	Non-dir.
Aniline	0.361	0.358	"	1.34	ND	27.0	10-123		35.4	30	Non-dir.
Anthracene	0.475	0.0893	"	1.34	ND	35.5	10-142		49.7	30	Non-dir.
Atrazine	0.465	0.0893	"	0.892	ND	52.1	19-115		29.0	30	
Benzaldehyde	0.346	0.0893	"	0.892	ND	38.8	10-125		43.0	30	Non-dir.
Benzo(a)anthracene	0.499	0.0893	"	1.34	0.109	29.1	10-158		59.6	30	Non-dir.
Benzo(a)pyrene	0.397	0.0893	"	1.34	0.0941	22.6	10-180		58.8	30	Non-dir.
Benzo(b)fluoranthene	0.410	0.0893	"	1.34	0.0719	25.3	10-200		49.6	30	Non-dir.
Benzo(g,h,i)perylene	0.434	0.0893	"	1.34	0.0726	27.0	10-138		47.3	30	Non-dir.
Benzo(k)fluoranthene	0.427	0.0893	"	1.34	0.0762	26.2	10-197		49.8	30	Non-dir.
Benzoic acid	0.0807	0.0893	"	0.892	ND	9.04	10-166	Low Bias	19.9	30	
Benzyl alcohol	0.358	0.0893	"	1.34	ND	26.8	12-124		38.7	30	Non-dir.
Benzyl butyl phthalate	0.421	0.0893	"	1.34	ND	31.5	10-154		43.9	30	Non-dir.
Bis(2-chloroethoxy)methane	0.351	0.0893	"	1.34	ND	26.2	10-132		39.5	30	Non-dir.
Bis(2-chloroethyl)ether	0.359	0.0893	"	1.34	ND	26.8	10-119		26.6	30	
Bis(2-chloroisopropyl)ether	0.280	0.0893	"	1.34	ND	20.9	10-139		36.7	30	Non-dir.
Bis(2-ethylhexyl)phthalate	0.398	0.0893	"	1.34	0.0805	23.7	10-167		40.5	30	Non-dir.
Caprolactam	0.445	0.178	"	0.892	ND	49.9	10-132		36.1	30	Non-dir.

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41292 - EPA 3550C											
Matrix Spike Dup (BI41292-M Matrix Spike Dup	*Source sample: 24I1064-01 (PE51_20)								Prepared: 09/20/2024 Analyzed: 09/23/2024		
Carbazole	0.423	0.0893	mg/kg dry	1.34	ND	31.6	10-167		44.6	30	Non-dir.
Chrysene	0.470	0.0893	"	1.34	0.117	26.3	10-156		53.0	30	Non-dir.
Dibenzo(a,h)anthracene	0.429	0.0893	"	1.34	ND	32.1	10-137		43.0	30	Non-dir.
Dibenzofuran	0.413	0.0893	"	1.34	ND	30.8	10-147		39.3	30	Non-dir.
Diethyl phthalate	0.370	0.0893	"	1.34	ND	27.7	20-120		29.4	30	
Dimethyl phthalate	0.380	0.0893	"	1.34	ND	28.4	18-131		31.8	30	Non-dir.
Di-n-butyl phthalate	0.383	0.0893	"	1.34	ND	28.6	10-137		37.7	30	Non-dir.
Di-n-octyl phthalate	0.392	0.0893	"	1.34	ND	29.3	10-180		36.4	30	Non-dir.
Fluoranthene	0.535	0.0893	"	1.34	0.183	26.3	10-160		68.7	30	Non-dir.
Fluorene	0.404	0.0893	"	1.34	ND	30.2	10-157		52.1	30	Non-dir.
Hexachlorobenzene	0.431	0.0893	"	1.34	ND	32.2	10-137		33.8	30	Non-dir.
Hexachlorobutadiene	0.509	0.0893	"	1.34	ND	38.0	10-132		24.4	30	
Hexachlorocyclopentadiene	ND	0.0893	"	1.34	ND		10-106	Low Bias		30	
Hexachloroethane	0.298	0.0893	"	1.34	ND	22.2	10-110		36.8	30	Non-dir.
Indeno(1,2,3-cd)pyrene	0.525	0.0893	"	1.34	0.0675	34.2	10-144		52.3	30	Non-dir.
Isophorone	0.411	0.0893	"	1.34	ND	30.7	10-132		28.7	30	
Naphthalene	0.416	0.0893	"	1.34	ND	31.1	10-141		61.4	30	Non-dir.
Nitrobenzene	0.415	0.0893	"	1.34	ND	31.0	10-131		18.4	30	
N-Nitrosodimethylamine	0.276	0.0893	"	1.34	ND	20.6	10-126		35.8	30	Non-dir.
N-nitroso-di-n-propylamine	0.343	0.0893	"	1.34	ND	25.6	10-125		33.9	30	Non-dir.
N-Nitrosodiphenylamine	0.448	0.0893	"	1.34	ND	33.5	10-177		55.5	30	Non-dir.
Pentachlorophenol	0.266	0.0893	"	1.34	ND	19.8	10-153		60.4	30	Non-dir.
Phenanthrene	0.483	0.0893	"	1.34	0.144	25.3	10-148		89.6	30	Non-dir.
Phenol	0.433	0.0893	"	1.34	ND	32.4	10-126		33.9	30	Non-dir.
Pyrene	0.574	0.0893	"	1.34	0.292	21.1	10-165		75.5	30	Non-dir.
Pyridine	0.221	0.358	"	1.34	ND	16.5	10-83		38.5	30	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*0.812*		*"*	*1.78*		*45.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.790*		*"*	*1.78*		*44.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.454*		*"*	*0.892*		*50.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.415*		*"*	*0.892*		*46.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.18*		*"*	*1.78*		*66.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.493*		*"*	*0.892*		*55.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41376 - EPA 3550C												
Blank (BI41376-BLK1)	Blank									Prepared: 09/23/2024 Analyzed: 09/24/2024		
1,4-Dioxane		ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8		*339*		*"*	*495*		*68.4*	*39-127.5*				
LCS (BI41376-BS1)	LCS									Prepared: 09/23/2024 Analyzed: 09/24/2024		
1,4-Dioxane		543	19.8	ug/kg	495		110	40-130				
Surrogate: 1,4-Dioxane-d8		*341*		*"*	*495*		*68.8*	*39-127.5*				
Matrix Spike (BI41376-MS1)	Matrix Spike	*Source sample: 24I1064-01 (PE51_20)								Prepared: 09/23/2024 Analyzed: 09/24/2024		
1,4-Dioxane		525	19.8	ug/kg	495	ND	106	40-130				
Surrogate: 1,4-Dioxane-d8		*323*		*"*	*495*		*65.2*	*40-130*				
Matrix Spike Dup (BI41376-M	Matrix Spike Dup	*Source sample: 24I1064-01 (PE51_20)								Prepared: 09/23/2024 Analyzed: 09/24/2024		
1,4-Dioxane		545	19.8	ug/kg	495	ND	110	40-130		3.70	30	
Surrogate: 1,4-Dioxane-d8		*342*		*"*	*495*		*69.2*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41273 - EPA 1633 Prep											
Blank (BI41273-BLK1) Blank									Prepared: 09/20/2024 Analyzed: 09/23/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.174	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.748	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.756	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.787	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.350	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.738	"								
HFPO-DA (Gen-X)	ND	0.787	"								
11CL-PF3OUdS	ND	0.744	"								
9CL-PF3ONS	ND	0.736	"								
ADONA	ND	0.744	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.984	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.92	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.92	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.43*		"	*2.29*		*106*	*25-150*				
Surrogate: M5PFHxA	*2.78*		"	*2.46*		*113*	*25-150*				
Surrogate: M4PFHpA	*2.53*		"	*2.46*		*103*	*25-150*				
Surrogate: M3PFHxS	*2.39*		"	*2.33*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.33*		"	*2.46*		*135*	*25-150*				
Surrogate: M6PFDA	*1.47*		"	*1.23*		*120*	*25-150*				
Surrogate: M7PFUdA	*1.21*		"	*1.23*		*98.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.975*		"	*1.23*		*79.3*	*25-150*				
Surrogate: M2PFTeDA	*0.855*		"	*1.23*		*69.5*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41273 - EPA 1633 Prep											
Blank (BI41273-BLK1) Blank								Prepared: 09/20/2024 Analyzed: 09/23/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		*ug/kg wet*	*9.84*		*116*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.01*		*"*	*2.36*		*128*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.16*		*"*	*4.92*		*105*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.03*		*"*	*2.46*		*123*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.90*		*"*	*4.92*		*120*	*25-150*				
Surrogate: d5-N-EtFOSAA	*6.24*		*"*	*4.92*		*127*	*25-150*				
Surrogate: M2-6:2 FTS	*15.8*		*"*	*4.68*		*337*	*25-200*				
Surrogate: M2-8:2 FTS	*8.72*		*"*	*4.72*		*185*	*25-200*				
Surrogate: M9PFNA	*1.42*		*"*	*1.23*		*115*	*25-150*				
Surrogate: M2-4:2 FTS	*24.6*		*"*	*4.62*		*533*	*25-150*				
Surrogate: d-N-MeFOSA	*3.15*		*"*	*2.46*		*128*	*25-150*				
Surrogate: d-N-EtFOSA	*2.47*		*"*	*2.46*		*101*	*25-150*				
Surrogate: M3HFPO-DA	*11.9*		*"*	*9.84*		*121*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.5*		*"*	*24.6*		*42.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.1*		*"*	*24.6*		*41.0*	*25-150*				
LCS (BI41273-BS1) LCS								Prepared: 09/20/2024 Analyzed: 09/23/2024			
Perfluorobutanesulfonic acid (PFBS)	3.18	0.174	ug/kg wet	3.48		91.5	50-150				
Perfluorohexanoic acid (PFHxA)	3.24	0.196	"	3.93		82.5	50-150				
Perfluoroheptanoic acid (PFHpA)	4.28	0.196	"	3.93		109	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.02	0.180	"	3.60		84.0	50-150				
Perfluorooctanoic acid (PFOA)	3.46	0.196	"	3.93		88.0	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.45	0.183	"	3.65		94.4	50-150				
Perfluorononanoic acid (PFNA)	3.24	0.196	"	3.93		82.4	50-150				
Perfluorodecanoic acid (PFDA)	3.59	0.196	"	3.93		91.4	50-150				
Perfluoroundecanoic acid (PFUnA)	3.18	0.196	"	3.93		81.0	50-150				
Perfluorododecanoic acid (PFDoA)	3.73	0.196	"	3.93		95.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.46	0.196	"	3.93		88.2	50-150				
Perfluorotetradecanoic acid (PFTA)	3.54	0.196	"	3.93		90.2	50-150				
N-MeFOSAA	4.02	0.196	"	3.93		102	50-150				
N-EtFOSAA	3.95	0.196	"	3.93		101	50-150				
Perfluoropentanoic acid (PFPeA)	7.25	0.393	"	7.86		92.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.43	0.196	"	3.93		87.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.39	0.196	"	3.75		117	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.05	0.190	"	3.79		54.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	11.5	0.747	"	14.9		77.2	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.1	0.754	"	15.1		93.6	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.4	0.786	"	15.7		91.4	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.39	0.350	"	6.99		106	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.78	0.393	"	7.86		73.6	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	6.70	0.393	"	7.86		85.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.45	0.393	"	7.86		94.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.49	0.185	"	3.69		94.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	11.0	0.737	"	14.7		74.9	50-150				
HFPO-DA (Gen-X)	6.68	0.786	"	7.86		84.9	50-150				
11CL-PF3OUdS	2.46	0.743	"	7.43		33.1	50-150	Low Bias			
9CL-PF3ONS	3.67	0.735	"	7.35		49.9	50-150	Low Bias			
ADONA	5.85	0.743	"	7.43		78.8	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41273 - EPA 1633 Prep											
LCS (BI41273-BS1) LCS								Prepared: 09/20/2024 Analyzed: 09/23/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.71	0.191	ug/kg wet	3.81		44.8	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	3.09	0.189	"	3.77		82.0	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	20.0	0.982	"	15.7		127	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	90.0	4.91	"	78.6		115	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	80.8	4.91	"	78.6		103	50-150				
N-MeFOSE	36.2	1.96	"	39.3		92.2	50-150				
N-MeFOSA	3.70	0.196	"	3.93		94.2	50-150				
N-EtFOSE	39.4	1.96	"	39.3		100	50-150				
N-EtFOSA	4.46	0.196	"	3.93		113	50-150				
Surrogate: M3PFBS	*2.46*		"	*2.29*		*107*	*25-150*				
Surrogate: M5PFHxA	*3.06*		"	*2.46*		*125*	*25-150*				
Surrogate: M4PFHpA	*2.50*		"	*2.46*		*102*	*25-150*				
Surrogate: M3PFHxS	*2.28*		"	*2.33*		*98.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.82*		"	*2.46*		*115*	*25-150*				
Surrogate: M6PFDA	*1.01*		"	*1.23*		*82.2*	*25-150*				
Surrogate: M7PFUdA	*0.816*		"	*1.23*		*66.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.576*		"	*1.23*		*46.9*	*25-150*				
Surrogate: M2PFTeDA	*0.584*		"	*1.23*		*47.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.0*		"	*9.82*		*122*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.08*		"	*2.35*		*88.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.56*		"	*4.91*		*113*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.25*		"	*2.46*		*91.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.72*		"	*4.91*		*75.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.55*		"	*4.91*		*72.3*	*25-150*				
Surrogate: M2-6:2 FTS	*14.6*		"	*4.67*		*312*	*25-200*				
Surrogate: M2-8:2 FTS	*6.00*		"	*4.72*		*127*	*25-200*				
Surrogate: M9PFNA	*1.21*		"	*1.23*		*98.7*	*25-150*				
Surrogate: M2-4:2 FTS	*23.4*		"	*4.61*		*509*	*25-150*				
Surrogate: d-N-MeFOSA	*1.95*		"	*2.46*		*79.3*	*25-150*				
Surrogate: d-N-EtFOSA	*1.57*		"	*2.46*		*63.8*	*25-150*				
Surrogate: M3HFPO-DA	*13.5*		"	*9.82*		*137*	*25-150*				
Surrogate: d9-N-EtFOSE	*7.16*		"	*24.6*		*29.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*7.60*		"	*24.6*		*31.0*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41273 - EPA 1633 Prep											
LCS (BI41273-BS2) LCS								Prepared: 09/20/2024 Analyzed: 09/23/2024			
Perfluorobutanesulfonic acid (PFBS)	0.614	0.176	ug/kg wet	0.702		87.4	50-150				
Perfluorohexanoic acid (PFHxA)	0.620	0.198	"	0.794		78.1	50-150				
Perfluoroheptanoic acid (PFHpA)	0.873	0.198	"	0.794		110	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.632	0.182	"	0.726		87.0	50-150				
Perfluorooctanoic acid (PFOA)	0.617	0.198	"	0.794		77.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.551	0.185	"	0.738		74.7	50-150				
Perfluorononanoic acid (PFNA)	0.603	0.198	"	0.794		75.9	50-150				
Perfluorodecanoic acid (PFDA)	0.636	0.198	"	0.794		80.1	50-150				
Perfluoroundecanoic acid (PFUnA)	0.591	0.198	"	0.794		74.4	50-150				
Perfluorododecanoic acid (PFDoA)	0.720	0.198	"	0.794		90.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.708	0.198	"	0.794		89.3	50-150				
Perfluorotetradecanoic acid (PFTA)	0.648	0.198	"	0.794		81.7	50-150				
N-MeFOSAA	0.673	0.198	"	0.794		84.8	50-150				
N-EtFOSAA	0.751	0.198	"	0.794		94.7	50-150				
Perfluoropentanoic acid (PFPeA)	1.42	0.397	"	1.59		89.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.661	0.198	"	0.794		83.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.668	0.198	"	0.758		88.2	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.476	0.191	"	0.766		62.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.27	0.754	"	3.02		75.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.68	0.762	"	3.05		87.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.73	0.794	"	3.17		86.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.36	0.353	"	1.41		96.3	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.31	0.397	"	1.59		82.6	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.32	0.397	"	1.59		83.1	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.36	0.397	"	1.59		85.8	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.655	0.187	"	0.746		87.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.10	0.744	"	2.98		70.4	50-150				
HFPO-DA (Gen-X)	1.19	0.794	"	1.59		75.2	50-150				
11CL-PF3OUdS	0.933	0.750	"	1.50		62.2	50-150				
9CL-PF3ONS	1.24	0.742	"	1.48		83.2	50-150				
ADONA	1.17	0.750	"	1.50		78.3	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.321	0.192	"	0.770		41.7	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.613	0.190	"	0.762		80.5	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	3.95	0.992	"	3.17		124	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	16.8	4.96	"	15.9		106	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	18.1	4.96	"	15.9		114	50-150				
N-MeFOSE	8.12	1.98	"	7.94		102	50-150				
N-MeFOSA	0.723	0.198	"	0.794		91.1	50-150				
N-EtFOSE	7.57	1.98	"	7.94		95.4	50-150				
N-EtFOSA	0.759	0.198	"	0.794		95.7	50-150				
Surrogate: M3PFBS	*2.48*		"	*2.31*		*107*	*25-150*				
Surrogate: M5PFHxA	*3.00*		"	*2.48*		*121*	*25-150*				
Surrogate: M4PFHpA	*2.41*		"	*2.48*		*97.3*	*25-150*				
Surrogate: M3PFHxS	*2.35*		"	*2.35*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.14*		"	*2.48*		*127*	*25-150*				
Surrogate: M6PFDA	*1.46*		"	*1.24*		*118*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.24*		*95.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.972*		"	*1.24*		*78.4*	*25-150*				
Surrogate: M2PFTeDA	*0.808*		"	*1.24*		*65.2*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41273 - EPA 1633 Prep											
LCS (BI41273-BS2) LCS									Prepared: 09/20/2024 Analyzed: 09/23/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.5*		*ug/kg wet*	*9.92*		*116*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.06*		*"*	*2.38*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.17*		*"*	*4.96*		*104*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.96*		*"*	*2.48*		*119*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.94*		*"*	*4.96*		*120*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.95*		*"*	*4.96*		*120*	*25-150*				
Surrogate: M2-6:2 FTS	*15.7*		*"*	*4.72*		*333*	*25-200*				
Surrogate: M2-8:2 FTS	*8.45*		*"*	*4.76*		*177*	*25-200*				
Surrogate: M9PFNA	*1.54*		*"*	*1.24*		*124*	*25-150*				
Surrogate: M2-4:2 FTS	*24.5*		*"*	*4.65*		*526*	*25-150*				
Surrogate: d-N-MeFOSA	*2.68*		*"*	*2.48*		*108*	*25-150*				
Surrogate: d-N-EtFOSA	*2.62*		*"*	*2.48*		*106*	*25-150*				
Surrogate: M3HFPO-DA	*11.4*		*"*	*9.92*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*9.40*		*"*	*24.8*		*37.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*9.57*		*"*	*24.8*		*38.6*	*25-150*				
Matrix Spike (BI41273-MS1) Matrix Spike *Source sample: 24I1064-01 (PE51_20)									Prepared: 09/20/2024 Analyzed: 09/24/2024		
Perfluorobutanesulfonic acid (PFBS)	3.30	0.190	ug/kg dry	3.80	ND	86.8	25-150				
Perfluorohexanoic acid (PFHxA)	3.71	0.215	"	4.29	ND	86.4	25-150				
Perfluoroheptanoic acid (PFHpA)	5.09	0.215	"	4.29	ND	119	25-150				
Perfluorohexanesulfonic acid (PFHxS)	3.24	0.196	"	3.93	ND	82.4	25-150				
Perfluorooctanoic acid (PFOA)	3.70	0.215	"	4.29	ND	86.1	25-150				
Perfluorooctanesulfonic acid (PFOS)	3.70	0.200	"	3.99	ND	92.8	25-150				
Perfluorononanoic acid (PFNA)	3.25	0.215	"	4.29	ND	75.8	25-150				
Perfluorodecanoic acid (PFDA)	3.40	0.215	"	4.29	ND	79.3	25-150				
Perfluoroundecanoic acid (PFUnA)	3.81	0.215	"	4.29	ND	88.8	25-150				
Perfluorododecanoic acid (PFDoA)	3.71	0.215	"	4.29	ND	86.4	25-150				
Perfluorotridecanoic acid (PFTrDA)	3.90	0.215	"	4.29	ND	90.9	25-150				
Perfluorotetradecanoic acid (PFTA)	4.06	0.215	"	4.29	ND	94.6	25-150				
N-MeFOSAA	4.12	0.215	"	4.29	ND	96.1	25-150				
N-EtFOSAA	3.93	0.215	"	4.29	ND	91.7	25-150				
Perfluoropentanoic acid (PFPeA)	7.86	0.429	"	8.58	ND	91.6	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.70	0.215	"	4.29	ND	63.0	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.61	0.215	"	4.10	ND	88.2	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.49	0.207	"	4.14	ND	84.2	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	13.3	0.815	"	16.3	ND	81.8	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.2	0.824	"	16.5	ND	92.3	25-150				
Perfluoro-n-butanoic acid (PFBA)	15.5	0.858	"	17.2	ND	90.4	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.44	0.382	"	7.64	ND	110	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.15	0.429	"	8.58	ND	83.2	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	5.21	0.429	"	8.58	ND	60.7	25-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.91	0.429	"	8.58	ND	92.1	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.43	0.202	"	4.03	ND	85.0	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	11.2	0.805	"	16.1	ND	69.5	25-150				
HFPO-DA (Gen-X)	8.36	0.858	"	8.58	ND	97.4	25-150				
11CL-PF3OUdS	6.65	0.811	"	8.11	ND	82.0	25-150				
9CL-PF3ONS	7.46	0.803	"	8.03	ND	92.9	25-150				
ADONA	6.54	0.811	"	8.11	ND	80.6	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41273 - EPA 1633 Prep											
Matrix Spike (BI41273-MS1) Matrix Spike	*Source sample: 24I1064-01 (PE51_20)							Prepared: 09/20/2024 Analyzed: 09/24/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.07	0.208	ug/kg dry	4.16	ND	49.6	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.62	0.206	"	4.12	ND	88.0	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	18.3	1.07	"	17.2	ND	107	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	91.8	5.36	"	85.8	ND	107	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	112	5.36	"	85.8	ND	131	25-150				
N-MeFOSE	39.6	2.15	"	42.9	ND	92.3	25-150				
N-MeFOSA	4.09	0.215	"	4.29	ND	95.3	25-150				
N-EtFOSE	40.3	2.15	"	42.9	ND	94.0	25-150				
N-EtFOSA	4.30	0.215	"	4.29	ND	100	25-150				
Surrogate: M3PFBS	*2.60*		*"*	*2.50*		*104*	*25-150*				
Surrogate: M5PFHxA	*2.98*		*"*	*2.68*		*111*	*25-150*				
Surrogate: M4PFHpA	*2.43*		*"*	*2.68*		*90.6*	*25-150*				
Surrogate: M3PFHxS	*2.64*		*"*	*2.54*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.20*		*"*	*2.68*		*119*	*25-150*				
Surrogate: M6PFDA	*1.70*		*"*	*1.34*		*127*	*25-150*				
Surrogate: M7PFUdA	*1.27*		*"*	*1.34*		*95.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.17*		*"*	*1.34*		*87.2*	*25-150*				
Surrogate: M2PFTeDA	*0.933*		*"*	*1.34*		*69.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.56*		*"*	*10.7*		*61.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.63*		*"*	*2.57*		*141*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.45*		*"*	*5.36*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.84*		*"*	*2.68*		*143*	*10-150*				
Surrogate: d3-N-MeFOSAA	*9.34*		*"*	*5.36*		*174*	*25-150*				
Surrogate: d5-N-EtFOSAA	*10.7*		*"*	*5.36*		*200*	*25-150*				
Surrogate: M2-6:2 FTS	*21.0*		*"*	*5.10*		*411*	*25-200*				
Surrogate: M2-8:2 FTS	*17.6*		*"*	*5.15*		*342*	*25-200*				
Surrogate: M9PFNA	*1.60*		*"*	*1.34*		*119*	*25-150*				
Surrogate: M2-4:2 FTS	*29.2*		*"*	*5.03*		*580*	*25-150*				
Surrogate: d-N-MeFOSA	*2.29*		*"*	*2.68*		*85.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.97*		*"*	*2.68*		*73.5*	*25-150*				
Surrogate: M3HFPO-DA	*12.3*		*"*	*10.7*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*11.1*		*"*	*26.8*		*41.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*11.7*		*"*	*26.8*		*43.6*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41273 - EPA 1633 Prep											
Matrix Spike Dup (BI41273-M Matrix Spike Dup	*Source sample: 24I1064-01 (PE51_20)								Prepared: 09/20/2024 Analyzed: 09/24/2024		
Perfluorobutanesulfonic acid (PFBS)	3.42	0.191	ug/kg dry	3.82	ND	89.4	25-150		3.58	35	
Perfluorohexanoic acid (PFHxA)	3.44	0.216	"	4.32	ND	79.6	25-150		7.56	35	
Perfluoroheptanoic acid (PFHpA)	4.92	0.216	"	4.32	ND	114	25-150		3.50	35	
Perfluorohexanesulfonic acid (PFHxS)	3.24	0.198	"	3.95	ND	82.1	25-150		0.215	35	
Perfluorooctanoic acid (PFOA)	3.36	0.216	"	4.32	ND	77.8	25-150		9.51	35	
Perfluorooctanesulfonic acid (PFOS)	3.29	0.201	"	4.02	ND	82.0	25-150		11.7	35	
Perfluorononanoic acid (PFNA)	3.63	0.216	"	4.32	ND	84.1	25-150		11.0	35	
Perfluorodecanoic acid (PFDA)	3.76	0.216	"	4.32	ND	87.2	25-150		10.1	35	
Perfluoroundecanoic acid (PFUnA)	4.13	0.216	"	4.32	ND	95.6	25-150		8.00	35	
Perfluorododecanoic acid (PFDoA)	4.11	0.216	"	4.32	ND	95.1	25-150		10.2	35	
Perfluorotridecanoic acid (PFTrDA)	4.22	0.216	"	4.32	ND	97.7	25-150		7.81	35	
Perfluorotetradecanoic acid (PFTA)	3.50	0.216	"	4.32	ND	81.1	25-150		14.7	35	
N-MeFOSAA	3.91	0.216	"	4.32	ND	90.5	25-150		5.43	35	
N-EtFOSAA	4.16	0.216	"	4.32	ND	96.4	25-150		5.67	35	
Perfluoropentanoic acid (PFPeA)	8.09	0.432	"	8.63	ND	93.7	25-150		2.90	35	
Perfluoro-1-octanesulfonamide (FOSA)	2.75	0.216	"	4.32	ND	63.7	25-150		1.76	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.46	0.216	"	4.12	ND	83.8	25-150		4.51	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.16	0.208	"	4.17	ND	75.9	25-150		9.72	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	12.5	0.820	"	16.4	ND	76.2	25-150		6.44	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.7	0.829	"	16.6	ND	89.0	25-150		3.07	35	
Perfluoro-n-butanoic acid (PFBA)	15.7	0.863	"	17.3	ND	90.7	25-150		0.955	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.83	0.384	"	7.68	ND	102	25-150		7.42	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.38	0.432	"	8.63	ND	73.9	25-150		11.3	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	7.30	0.432	"	8.63	ND	84.6	25-150		33.4	30	Non-dir.
Perfluoro-5-oxahexanoic acid (PFMBA)	7.97	0.432	"	8.63	ND	92.3	25-150		0.776	30	
Perfluoro-1-pentanesulfonate (PFPeS)	3.42	0.203	"	4.06	ND	84.3	25-150		0.240	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	11.6	0.810	"	16.2	ND	71.9	25-150		3.92	30	
HFPO-DA (Gen-X)	7.50	0.863	"	8.63	ND	86.8	25-150		10.8	30	
11CL-PF3OUdS	6.54	0.816	"	8.16	ND	80.2	25-150		1.66	30	
9CL-PF3ONS	7.23	0.807	"	8.07	ND	89.5	25-150		3.15	30	
ADONA	6.33	0.816	"	8.16	ND	77.6	25-150		3.26	30	
Perfluorododecanesulfonic acid (PFDoS)	2.13	0.209	"	4.19	ND	50.9	25-150		3.12	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	3.19	0.207	"	4.14	ND	77.0	25-150		12.7	30	
3-Perfluoropropyl propanoic acid (FPrPA)	19.4	1.08	"	17.3	ND	112	25-150		5.72	30	
3-Perfluoropentyl propanoic acid (FPePA)	89.9	5.40	"	86.3	ND	104	25-150		2.08	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	107	5.40	"	86.3	ND	124	25-150		4.23	30	
N-MeFOSE	40.3	2.16	"	43.2	ND	93.2	25-150		1.62	30	
N-MeFOSA	3.84	0.216	"	4.32	ND	89.0	25-150		6.20	30	
N-EtFOSE	42.6	2.16	"	43.2	ND	98.6	25-150		5.38	30	
N-EtFOSA	4.41	0.216	"	4.32	ND	102	25-150		2.35	30	
Surrogate: M3PFBS	*2.69*		"	*2.51*		*107*	*25-150*				
Surrogate: M5PFHxA	*3.01*		"	*2.70*		*111*	*25-150*				
Surrogate: M4PFHpA	*2.53*		"	*2.70*		*93.6*	*25-150*				
Surrogate: M3PFHxS	*2.83*		"	*2.56*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.31*		"	*2.70*		*123*	*25-150*				
Surrogate: M6PFDA	*1.57*		"	*1.35*		*116*	*25-150*				
Surrogate: M7PFUdA	*1.17*		"	*1.35*		*87.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.01*		"	*1.35*		*75.0*	*25-150*				
Surrogate: M2PFTeDA	*0.932*		"	*1.35*		*69.1*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41273 - EPA 1633 Prep											
Matrix Spike Dup (BI41273-M Matrix Spike Dup	*Source sample: 24I1064-01 (PE51_20)										Prepared: 09/20/2024 Analyzed: 09/24/2024
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.9*		*ug/kg dry*	*10.8*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.56*		*"*	*2.59*		*138*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.20*		*"*	*5.40*		*96.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.52*		*"*	*2.70*		*131*	*10-150*				
Surrogate: d3-N-MeFOSAA	*8.47*		*"*	*5.40*		*157*	*25-150*				
Surrogate: d5-N-EtFOSAA	*8.96*		*"*	*5.40*		*166*	*25-150*				
Surrogate: M2-6:2 FTS	*22.5*		*"*	*5.13*		*438*	*25-200*				
Surrogate: M2-8:2 FTS	*17.3*		*"*	*5.18*		*335*	*25-200*				
Surrogate: M9PFNA	*1.36*		*"*	*1.35*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*30.0*		*"*	*5.06*		*592*	*25-150*				
Surrogate: d-N-MeFOSA	*2.25*		*"*	*2.70*		*83.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.71*		*"*	*2.70*		*63.5*	*25-150*				
Surrogate: M3HFPO-DA	*12.5*		*"*	*10.8*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*9.90*		*"*	*27.0*		*36.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.5*		*"*	*27.0*		*38.9*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41337 - EPA 3545A											
Blank (BI41337-BLK1) Blank									Prepared: 09/22/2024 Analyzed: 09/23/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0392*		*"*	*0.0664*		*59.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0517*		*"*	*0.0664*		*77.8*	*30-150*				
LCS (BI41337-BS1) LCS									Prepared: 09/22/2024 Analyzed: 09/23/2024		
4,4'-DDD	0.0298	0.00164	mg/kg wet	0.0332		89.6	40-140				
4,4'-DDE	0.0301	0.00164	"	0.0332		90.7	40-140				
4,4'-DDT	0.0345	0.00164	"	0.0332		104	40-140				
Aldrin	0.0272	0.00164	"	0.0332		82.0	40-140				
alpha-BHC	0.0310	0.00164	"	0.0332		93.3	40-140				
alpha-Chlordane	0.0288	0.00164	"	0.0332		86.7	40-140				
beta-BHC	0.0363	0.00164	"	0.0332		109	40-140				
delta-BHC	0.0316	0.00164	"	0.0332		95.1	40-140				
Dieldrin	0.0294	0.00164	"	0.0332		88.6	40-140				
Endosulfan I	0.0301	0.00164	"	0.0332		90.6	40-140				
Endosulfan II	0.0322	0.00164	"	0.0332		96.8	40-140				
Endosulfan sulfate	0.0315	0.00164	"	0.0332		94.9	40-140				
Endrin	0.0306	0.00164	"	0.0332		92.0	40-140				
Endrin aldehyde	0.0343	0.00164	"	0.0332		103	40-140				
Endrin ketone	0.0323	0.00164	"	0.0332		97.3	40-140				
gamma-BHC (Lindane)	0.0307	0.00164	"	0.0332		92.3	40-140				
gamma-Chlordane	0.0285	0.00164	"	0.0332		85.8	40-140				
Heptachlor	0.0290	0.00164	"	0.0332		87.2	40-140				
Heptachlor epoxide	0.0295	0.00164	"	0.0332		88.7	40-140				
Methoxychlor	0.0356	0.00164	"	0.0332		107	40-140				
Surrogate: Decachlorobiphenyl	*0.0435*		*"*	*0.0664*		*65.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0522*		*"*	*0.0664*		*78.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41337 - EPA 3545A											
Matrix Spike (BI41337-MS1) Matrix Spike	*Source sample: 24I1064-01 (PE51_20)							Prepared: 09/22/2024 Analyzed: 09/23/2024			
4,4'-DDD	0.0281	0.00177	mg/kg dry	0.0358	ND	78.4	30-150				
4,4'-DDE	0.0279	0.00177	"	0.0358	ND	78.0	30-150				
4,4'-DDT	0.0342	0.00177	"	0.0358	ND	95.5	30-150				
Aldrin	0.0296	0.00177	"	0.0358	ND	82.6	30-150				
alpha-BHC	0.108	0.00177	"	0.0358	ND	301	30-150	High Bias			
alpha-Chlordane	0.0272	0.00177	"	0.0358	ND	76.0	30-150				
beta-BHC	0.0380	0.00177	"	0.0358	ND	106	30-150				
delta-BHC	0.0344	0.00177	"	0.0358	ND	96.2	30-150				
Dieldrin	0.0279	0.00177	"	0.0358	ND	78.0	30-150				
Endosulfan I	0.0285	0.00177	"	0.0358	ND	79.5	30-150				
Endosulfan II	0.0301	0.00177	"	0.0358	ND	84.0	30-150				
Endosulfan sulfate	0.0296	0.00177	"	0.0358	ND	82.6	30-150				
Endrin	0.0287	0.00177	"	0.0358	ND	80.1	30-150				
Endrin aldehyde	0.0330	0.00177	"	0.0358	ND	92.2	30-150				
Endrin ketone	0.0307	0.00177	"	0.0358	ND	85.7	30-150				
gamma-BHC (Lindane)	0.0315	0.00177	"	0.0358	ND	88.1	30-150				
gamma-Chlordane	0.0278	0.00177	"	0.0358	ND	77.6	30-150				
Heptachlor	0.0294	0.00177	"	0.0358	ND	82.2	30-150				
Heptachlor epoxide	0.0281	0.00177	"	0.0358	ND	78.4	30-150				
Methoxychlor	0.0346	0.00177	"	0.0358	ND	96.7	30-150				
Surrogate: Decachlorobiphenyl	*0.0429*		*"*	*0.0716*		*59.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0670*		*"*	*0.0716*		*93.5*	*30-150*				
Matrix Spike Dup (BI41337-M Matrix Spike Dup	*Source sample: 24I1064-01 (PE51_20)							Prepared: 09/22/2024 Analyzed: 09/23/2024			
4,4'-DDD	0.0353	0.00177	mg/kg dry	0.0358	ND	98.7	30-150		22.9	30	
4,4'-DDE	0.0344	0.00177	"	0.0358	ND	96.0	30-150		20.7	30	
4,4'-DDT	0.0409	0.00177	"	0.0358	ND	114	30-150		17.8	30	
Aldrin	0.0388	0.00177	"	0.0358	ND	108	30-150		27.1	30	
alpha-BHC	0.187	0.00177	"	0.0358	ND	522	30-150	High Bias	53.7	30	Non-dir.
alpha-Chlordane	0.0330	0.00177	"	0.0358	ND	92.2	30-150		19.2	30	
beta-BHC	0.0468	0.00177	"	0.0358	ND	131	30-150		20.6	30	
delta-BHC	0.0425	0.00177	"	0.0358	ND	119	30-150		20.9	30	
Dieldrin	0.0340	0.00177	"	0.0358	ND	94.9	30-150		19.6	30	
Endosulfan I	0.0346	0.00177	"	0.0358	ND	96.6	30-150		19.4	30	
Endosulfan II	0.0369	0.00177	"	0.0358	ND	103	30-150		20.3	30	
Endosulfan sulfate	0.0361	0.00177	"	0.0358	ND	101	30-150		19.9	30	
Endrin	0.0351	0.00177	"	0.0358	ND	98.1	30-150		20.1	30	
Endrin aldehyde	0.0394	0.00177	"	0.0358	ND	110	30-150		17.6	30	
Endrin ketone	0.0371	0.00177	"	0.0358	ND	103	30-150		18.8	30	
gamma-BHC (Lindane)	0.0391	0.00177	"	0.0358	ND	109	30-150		21.3	30	
gamma-Chlordane	0.0337	0.00177	"	0.0358	ND	94.1	30-150		19.2	30	
Heptachlor	0.0377	0.00177	"	0.0358	ND	105	30-150		24.7	30	
Heptachlor epoxide	0.0340	0.00177	"	0.0358	ND	95.0	30-150		19.1	30	
Methoxychlor	0.0404	0.00177	"	0.0358	ND	113	30-150		15.4	30	
Surrogate: Decachlorobiphenyl	*0.0568*		*"*	*0.0716*		*79.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0661*		*"*	*0.0716*		*92.3*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41337 - EPA 3545A											
Blank (BI41337-BLK2) Blank								Prepared & Analyzed: 09/22/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0548*		*"*	*0.0664*		*82.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0415*		*"*	*0.0664*		*62.5*	*30-120*				
LCS (BI41337-BS2) LCS								Prepared & Analyzed: 09/22/2024			
Aroclor 1016	0.294	0.0166	mg/kg wet	0.332		88.5	40-130				
Aroclor 1260	0.321	0.0166	"	0.332		96.7	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0548*		*"*	*0.0664*		*82.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0435*		*"*	*0.0664*		*65.5*	*30-120*				
Matrix Spike (BI41337-MS2) Matrix Spike *Source sample: 24I1064-01 (PE51_20)								Prepared & Analyzed: 09/22/2024			
Aroclor 1016	0.280	0.0179	mg/kg dry	0.358	ND	78.3	40-140				
Aroclor 1260	0.309	0.0179	"	0.358	ND	86.3	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0577*		*"*	*0.0716*		*80.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0462*		*"*	*0.0716*		*64.5*	*30-120*				
Matrix Spike Dup (BI41337-M Matrix Spike Dup *Source sample: 24I1064-01 (PE51_20)								Prepared & Analyzed: 09/22/2024			
Aroclor 1016	0.256	0.0179	mg/kg dry	0.358	ND	71.5	40-140		9.04	50	
Aroclor 1260	0.280	0.0179	"	0.358	ND	78.2	40-140		9.89	50	
Surrogate: Tetrachloro-m-xylene	*0.0577*		*"*	*0.0716*		*80.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0430*		*"*	*0.0716*		*60.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41336 - EPA 3550C/8151A											
Blank (BI41336-BLK1) Blank									Prepared: 09/22/2024 Analyzed: 09/23/2024		
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.336*		*"*	*0.417*		*80.6*	*21-150*				
LCS (BI41336-BS1) LCS									Prepared: 09/22/2024 Analyzed: 09/23/2024		
2,4,5-T	0.0567	0.0200	mg/kg wet	0.0667		85.0	10-120				
2,4,5-TP (Silvex)	0.0533	0.0200	"	0.0667		80.0	10-120				
2,4-D	0.0558	0.0200	"	0.0667		83.8	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.330*		*"*	*0.417*		*79.2*	*21-150*				
Matrix Spike (BI41336-MS1) Matrix Spike *Source sample: 24I1064-01 (PE51_20)									Prepared: 09/22/2024 Analyzed: 09/23/2024		
2,4,5-T	0.0451	0.0216	mg/kg dry	0.0721	ND	62.5	10-120				
2,4,5-TP (Silvex)	0.0478	0.0216	"	0.0721	ND	66.2	10-120				
2,4-D	0.0532	0.0216	"	0.0721	ND	73.7	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.316*		*"*	*0.451*		*70.2*	*21-150*				
Matrix Spike Dup (BI41336-M Matrix Spike Dup *Source sample: 24I1064-01 (PE51_20)									Prepared: 09/22/2024 Analyzed: 09/23/2024		
2,4,5-T	0.0775	0.0216	mg/kg dry	0.0721	ND	108	10-120		52.9	35	Non-dir.
2,4,5-TP (Silvex)	0.0703	0.0216	"	0.0721	ND	97.5	10-120		38.2	35	Non-dir.
2,4-D	0.0748	0.0216	"	0.0721	ND	104	10-118		33.8	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.352*		*"*	*0.451*		*78.2*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41243 - EPA 3050B											
Blank (BI41243-BLK1) Blank									Prepared: 09/19/2024 Analyzed: 09/23/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BI41243-DUP1) Duplicate	*Source sample: 24I1064-01 (PE51_20)								Prepared: 09/19/2024 Analyzed: 09/23/2024		
Aluminum	5040	4.51	mg/kg dry		5510				8.90	35	
Antimony	ND	2.25	"		ND					35	
Arsenic	4.15	1.35	"		2.44				51.9	35	Non-dir.
Barium	67.3	2.25	"		55.4				19.3	35	
Beryllium	0.162	0.045	"		0.171				5.41	35	
Cadmium	ND	0.270	"		0.270					35	
Calcium	2540	4.51	"		2700				6.02	35	
Chromium	9.65	0.451	"		12.8				27.9	35	
Cobalt	6.35	0.360	"		6.19				2.59	35	
Copper	32.3	1.80	"		23.6				31.0	35	
Iron	14900	22.5	"		15800				6.15	35	
Lead	76.1	0.451	"		65.9				14.4	35	
Magnesium	1830	4.51	"		2240				20.0	35	
Manganese	178	0.451	"		196				9.76	35	
Nickel	18.4	0.898	"		20.2				8.83	35	
Potassium	354	4.51	"		427				18.4	35	
Selenium	ND	2.25	"		ND					35	
Silver	ND	0.454	"		ND					35	
Sodium	114	45.1	"		113				1.31	35	
Thallium	ND	2.25	"		ND					35	
Vanadium	14.3	0.898	"		15.9				10.0	35	
Zinc	88.0	2.24	"		79.0				10.8	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41243 - EPA 3050B											
Matrix Spike (BI41243-MS1) Matrix Spike	*Source sample: 24I1064-01 (PE51_20)							Prepared: 09/19/2024 Analyzed: 09/23/2024			
Aluminum	5470	4.51	mg/kg dry	180	5510	NR	75-125	Low Bias			
Antimony	9.25	2.25	"	22.5	ND	41.0	75-125	Low Bias			
Arsenic	184	1.35	"	180	2.44	101	75-125				
Barium	254	2.25	"	180	55.4	110	75-125				
Beryllium	4.80	0.045	"	4.51	0.171	103	75-125				
Cadmium	4.67	0.270	"	4.51	0.270	97.6	75-125				
Calcium	2770	4.51	"	90.1	2700	85.0	75-125				
Chromium	29.4	0.451	"	18.0	12.8	92.0	75-125				
Cobalt	53.8	0.360	"	45.1	6.19	106	75-125				
Copper	48.5	1.80	"	22.5	23.6	111	75-125				
Iron	15600	22.5	"	90.1	15800	NR	75-125	Low Bias			
Lead	120	0.451	"	45.1	65.9	120	75-125				
Magnesium	2590	4.51	"	90.1	2240	391	75-125	High Bias			
Manganese	248	0.451	"	45.1	196	114	75-125				
Nickel	68.3	0.898	"	45.1	20.2	107	75-125				
Potassium	529	4.51	"	90.1	427	114	75-125				
Selenium	173	2.25	"	180	ND	96.2	75-125				
Silver	4.79	0.454	"	4.51	ND	106	75-125				
Sodium	210	45.1	"	90.1	113	108	75-125				
Thallium	187	2.25	"	180	ND	104	75-125				
Vanadium	63.3	0.898	"	45.1	15.9	105	75-125				
Zinc	120	2.24	"	45.1	79.0	90.8	75-125				
Post Spike (BI41243-PS1) Post Spike	*Source sample: 24I1064-01 (PE51_20)							Prepared: 09/19/2024 Analyzed: 09/23/2024			
Aluminum	61.0		ug/mL	2.00	61.2	NR	75-125	Low Bias			
Antimony	0.249		"	0.250	-0.012	99.8	75-125				
Arsenic	2.00		"	2.00	0.027	98.7	75-125				
Barium	2.66		"	2.00	0.615	102	75-125				
Beryllium	0.052		"	0.0500	0.002	100	75-125				
Cadmium	0.052		"	0.0500	0.003	97.4	75-125				
Calcium	29.8		"	1.00	29.9	NR	75-125	Low Bias			
Chromium	0.341		"	0.200	0.142	99.6	75-125				
Cobalt	0.579		"	0.500	0.069	102	75-125				
Copper	0.532		"	0.250	0.262	108	75-125				
Iron	175		"	1.00	176	NR	75-125	Low Bias			
Lead	1.20		"	0.500	0.731	93.9	75-125				
Magnesium	24.9		"	1.00	24.8	3.89	75-125	Low Bias			
Manganese	2.65		"	0.500	2.18	94.4	75-125				
Nickel	0.729		"	0.500	0.224	101	75-125				
Potassium	5.57		"	1.00	4.73	84.2	75-125				
Selenium	1.92		"	2.00	0.012	95.4	75-125				
Silver	0.052		"	0.0500	0.001	103	75-125				
Sodium	2.19		"	1.00	1.25	93.7	75-125				
Thallium	2.04		"	2.00	-0.017	102	75-125				
Vanadium	0.680		"	0.500	0.176	101	75-125				
Zinc	1.34		"	0.500	0.876	92.5	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41243 - EPA 3050B											
Reference (BI41243-SRM1) Reference											Prepared: 09/19/2024 Analyzed: 09/23/2024
Aluminum	6050	4.17	mg/kg wet	7680		78.8	35.7-119				
Antimony	62.2	2.08	"	244		25.5	0-99.5				
Arsenic	230	1.25	"	283		81.4	69.9-101.4				
Barium	285	2.08	"	326		87.4	73.9-107.1				
Beryllium	162	0.042	"	175		92.8	75.4-107.4				
Cadmium	81.6	0.250	"	95.8		85.1	72.3-103.7				
Calcium	4910	4.17	"	5470		89.8	79.5-113.2				
Chromium	209	0.417	"	239		87.4	72.4-106.3				
Cobalt	136	0.333	"	150		90.5	76-107.3				
Copper	204	1.67	"	217		94.1	74.7-105.1				
Iron	6390	20.8	"	7360		86.8	53-127.9				
Lead	185	0.417	"	210		87.9	75.7-109.5				
Magnesium	1860	4.17	"	2080		89.4	67.3-111.1				
Manganese	248	0.417	"	290		85.4	73.4-108.3				
Nickel	294	0.830	"	329		89.3	74.5-106.7				
Potassium	1750	4.17	"	2330		75.1	60.9-111.6				
Selenium	252	2.08	"	281		89.7	77.6-116.7				
Silver	74.4	0.420	"	82.7		90.0	73.7-111.7				
Sodium	376	41.7	"	427		88.1	71.2-118.7				
Thallium	110	2.08	"	123		89.7	70.2-104.8				
Vanadium	165	0.830	"	192		85.9	68.8-107.8				
Zinc	218	2.08	"	260		84.0	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41244 - EPA 7473 soil											
Blank (BI41244-BLK1) Blank									Prepared: 09/19/2024 Analyzed: 09/20/2024		
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BI41244-DUP1) Duplicate	*Source sample: 24I1064-01 (PE51_20)								Prepared: 09/19/2024 Analyzed: 09/20/2024		
Mercury	0.0602	0.0324	mg/kg dry		0.0633				4.90	35	
Matrix Spike (BI41244-MS1) Matrix Spike	*Source sample: 24I1064-01 (PE51_20)								Prepared: 09/19/2024 Analyzed: 09/20/2024		
Mercury	0.589		mg/kg	0.500	0.0585	106	75-125				
Reference (BI41244-SRM1) Reference									Prepared: 09/19/2024 Analyzed: 09/20/2024		
Mercury	14.594		mg/kg	18.2		80.2	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41082 - Analysis Preparation Soil												
Blank (BI41082-BLK1)	Blank								Prepared & Analyzed: 09/18/2024			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BI41082-DUP1)	Duplicate	*Source sample: 24I1064-01 (PE51_20)							Prepared & Analyzed: 09/18/2024			
Cyanide, total		ND	0.541	mg/kg dry		ND					15	
Matrix Spike (BI41082-MS1)	Matrix Spike	*Source sample: 24I1064-01 (PE51_20)							Prepared & Analyzed: 09/18/2024			
Cyanide, total		5.25	0.541	mg/kg dry	5.41	ND	97.0	79.6-107				
Matrix Spike Dup (BI41082-M	Matrix Spike Dup	*Source sample: 24I1064-01 (PE51_20)							Prepared & Analyzed: 09/18/2024			
Cyanide, total		5.30	0.541	mg/kg dry	5.41	ND	98.0	79.6-107		1.03	200	
Reference (BI41082-SRM1)	Reference								Prepared & Analyzed: 09/18/2024			
Cyanide, total		63.7		ug/mL	59.7		107	38.5-161.4				
Batch BI41142 - EPA SW846-3060												
Blank (BI41142-BLK1)	Blank								Prepared: 09/18/2024 Analyzed: 09/19/2024			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BI41142-DUP1)	Duplicate	*Source sample: 24I1064-01 (PE51_20)							Prepared: 09/18/2024 Analyzed: 09/19/2024			
Chromium, Hexavalent		ND	0.541	mg/kg dry		ND					35	
Matrix Spike (BI41142-MS1)	Matrix Spike	*Source sample: 24I1064-01 (PE51_20)							Prepared: 09/18/2024 Analyzed: 09/19/2024			
Chromium, Hexavalent		ND	0.541	mg/kg dry	21.6	ND		75-125	Low Bias			
Matrix Spike Dup (BI41142-M	Matrix Spike Dup	*Source sample: 24I1064-01 (PE51_20)							Prepared: 09/18/2024 Analyzed: 09/19/2024			
Chromium, Hexavalent		ND	0.541	mg/kg dry	21.6	ND		75-125	Low Bias		200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41142 - EPA SW846-3060											
Reference (BI41142-SRM1) Reference									Prepared: 09/18/2024 Analyzed: 09/19/2024		
Chromium, Hexavalent	152		mg/L	227		66.8	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41088 - % Solids Prep											
Duplicate (BI41088-DUP1) Duplicate	*Source sample: 24I1064-01 (PE51_20)							Prepared & Analyzed: 09/18/2024			
% Solids	94.1	0.100	%		92.5				1.72	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I1064-01	PE51_20	40mL Vial with Stir Bar-Cool 4° C
24I1064-03	TB_09172024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24I1054

Page 1 of 1

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address: SAME
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kotz	Contact:
E-mail: lkotz@langan.com	E-mail:

YOUR Project Name / Number: 100688807 12096 Flatlands Ave

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Daniel Horvath

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	PCBs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp.
PES1-20	9/17	1200	S	9									3	X	X	X	X	X	X	X	X	X	G/C
EB-09172024	9/17	1400	AQ	2																	X		
TB-09172024					2									X									

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Comments: Extra volume provided for MS/MSD for PES1-20

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Daniel Horvath/Langan	9/17/24 1440		9/17/24 1420		9/17/24 15:56
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
VC2	9/17/24 15:56 6.3	VC2	9/17/24 1800		9/17/24 1700
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
	9/17/24 20:50			Mavaro	9/17/24 20:50 3.10 degrees C

Lauren Kott

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Thursday, October 10, 2024 3:59 PM
To: Amanda Forsburg
Cc: Lauren Kott; Obligado, Andre A (DEC)
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Reuse On-Site Soil

Good Afternoon,

The Department has reviewed the reuse request of 200 cubic yards of on-site soil obtained from the central portion of 12096 Flatlands Ave, Brooklyn, NY. Based on the information provided, the request is hereby approved.

The proposed fill material meets the requirements for reuse of soil as specified in section 5.4(e)4 of DER-10. Therefore, this material may be used to backfill excavations for pile cap construction.

Testing in accordance with DER-10 and the Remedial Design Work Plan and approval by the Department is required for any additional material imported from this source.

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov | | |

NEW YORK STATE | Department of Environmental Conservation

From: Amanda Forsburg <aforsburg@Langan.com>
Sent: Monday, October 7, 2024 2:38 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Cc: Lauren Kott <lkott@langan.com>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>
Subject: 12096 Flatlands Avenue (C224290) Request to Reuse On-Site Soil

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Good afternoon, Steven,

We have received more endpoint sample analytical results that meet the Track 2 RR SCOs and support the potential for soil reuse. The material will consist of soil excavated for pile cap construction that will be reused across the Site footprint as backfill around excavated pile caps.

Please let us know if you have any comments or questions.

As a note, we are expecting another set of results late this week or early next and may have another submission next week.

Regards,

Amanda

Amanda Forsburg, CHMM
Associate Principal

LANGAN

Direct: 973.560.4574
Mobile: 201.615.9726
File Sharing Link
www.langan.com

NEW JERSEY NEW YORK CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC
OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? yes

How many cubic yards of soil will be imported/reused? 100-200

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Material consists of on-Site soil present in an approximately 2,800 square foot area in the central portion of the Site at or below the depth of the 15-foot remedial excavation. Refer to attached Figure Y for the proposed reuse source areas. The material is being excavated for the construction of pile cap forms. Excavated material will be staged in a stockpile segregated from other material and will be reused across the Site footprint to backfill excavations for pile cap construction. Analytical results for documentation soil samples were used to determine the proposed extent of reuse source areas including: PE-35, PE-36, and PE-43.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Results of the referenced samples meet the lower of the Track 2 Restricted Residential Restricted Use SCOs and the PGW SCOs and are shown on the attached Figure X. Laboratory packages are also attached.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Aldo Malomo - United Concrete (Foundation Contractor)

Location where fill was obtained:

12096 Flatlands Avenue, Brooklyn, NY

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

The site is actively being remediated in the NYS BCP.

Provide a list of supporting documentation included with this request:

Figure X - Analytical Results
Figure Y - Foundation Plan
Laboratory Packages

The information provided on this form is accurate and complete.



Signature

10/7/2024

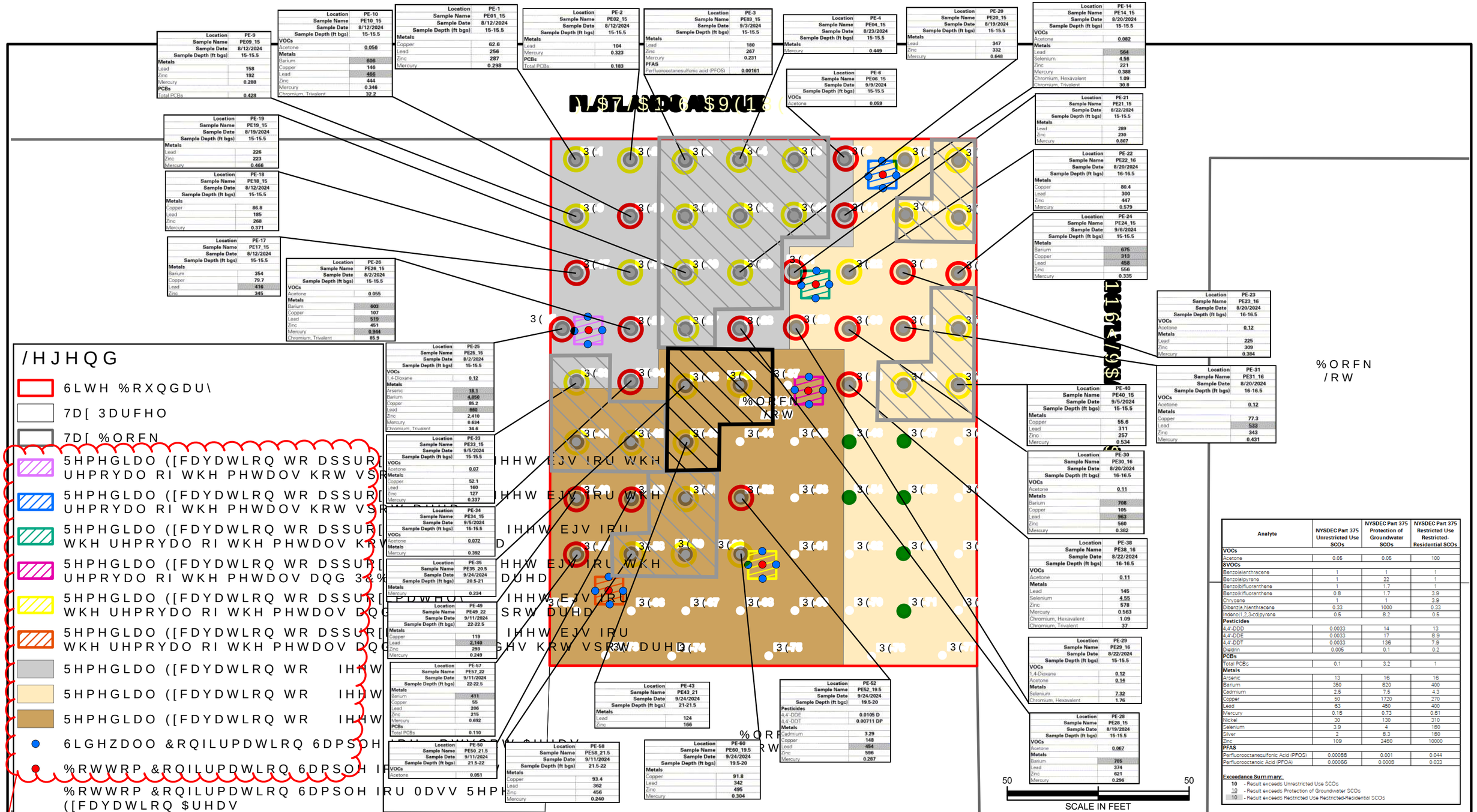
Date

Lauren Kott

Print Name

Langan

Firm



Location	PE-9
Sample Name	PE09_15
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	158
Zinc	192
Mercury	0.288
PCBs	
Total PCBs	0.428

Location	PE-10
Sample Name	PE10_15
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.056
Metals	
Barium	606
Copper	146
Lead	466
Zinc	444
Mercury	0.346
Chromium, Trivalent	32.2

Location	PE-1
Sample Name	PE01_15
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Copper	62.6
Lead	256
Zinc	287
Mercury	0.298

Location	PE-2
Sample Name	PE02_15
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	104
Mercury	0.323
PCBs	
Total PCBs	0.183

Location	PE-3
Sample Name	PE03_15
Sample Date	9/3/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	180
Zinc	267
Mercury	0.231
PFAS	
Perfluorooctanesulfonic acid (PFOS)	0.00161

Location	PE-4
Sample Name	PE04_15
Sample Date	8/23/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Mercury	0.449

Location	PE-20
Sample Name	PE20_15
Sample Date	8/19/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	347
Zinc	332
Mercury	0.648

Location	PE-14
Sample Name	PE14_15
Sample Date	8/20/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.082
Metals	
Lead	564
Selenium	4.56
Zinc	221
Mercury	0.388
Chromium, Hexavalent	1.09
Chromium, Trivalent	30.8

Location	PE-6
Sample Name	PE06_15
Sample Date	9/9/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.059

Location	PE-21
Sample Name	PE21_15
Sample Date	8/22/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	289
Zinc	230
Mercury	0.807

Location	PE-19
Sample Name	PE19_15
Sample Date	8/19/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	226
Zinc	223
Mercury	0.466

Location	PE-22
Sample Name	PE22_16
Sample Date	8/20/2024
Sample Depth (ft bgs)	16-16.5
Metals	
Copper	80.4
Lead	300
Zinc	447
Mercury	0.579

Location	PE-18
Sample Name	PE18_15
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Copper	86.8
Lead	185
Zinc	268
Mercury	0.371

Location	PE-24
Sample Name	PE24_15
Sample Date	9/6/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Barium	675
Copper	313
Lead	458
Zinc	556
Mercury	0.335

Location	PE-17
Sample Name	PE17_15
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Barium	354
Copper	79.7
Lead	416
Zinc	345

Location	PE-23
Sample Name	PE23_16
Sample Date	8/20/2024
Sample Depth (ft bgs)	16-16.5
VOCs	
Acetone	0.12
Metals	
Lead	225
Zinc	309
Mercury	0.384

Location	PE-26
Sample Name	PE26_15
Sample Date	8/2/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.055
Metals	
Barium	603
Copper	107
Lead	519
Zinc	451
Mercury	0.944
Chromium, Trivalent	85.9

Location	PE-31
Sample Name	PE31_16
Sample Date	8/20/2024
Sample Depth (ft bgs)	16-16.5
VOCs	
Acetone	0.12
Metals	
Copper	77.3
Lead	533
Zinc	343
Mercury	0.431

Location	PE-25
Sample Name	PE25_15
Sample Date	8/2/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
1,4-Dioxane	0.12
Metals	
Arsenic	18.1
Barium	4,050
Copper	85.2
Lead	660
Zinc	2,410
Mercury	0.634
Chromium, Trivalent	34.6

Location	PE-40
Sample Name	PE40_15
Sample Date	9/5/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Copper	55.6
Lead	311
Zinc	257
Mercury	0.534

Location	PE-33
Sample Name	PE33_15
Sample Date	9/5/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.07
Metals	
Copper	52.1
Lead	160
Zinc	127
Mercury	0.337

Location	PE-30
Sample Name	PE30_16
Sample Date	8/20/2024
Sample Depth (ft bgs)	16-16.5
VOCs	
Acetone	0.11
Metals	
Barium	708
Copper	105
Lead	963
Zinc	560
Mercury	0.382

Location	PE-34
Sample Name	PE34_15
Sample Date	9/5/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.072
Metals	
Mercury	0.392

Location	PE-38
Sample Name	PE38_16
Sample Date	8/22/2024
Sample Depth (ft bgs)	16-16.5
VOCs	
Acetone	0.11
Metals	
Lead	145
Selenium	4.55
Zinc	578
Mercury	0.563
Chromium, Hexavalent	1.09
Chromium, Trivalent	37

Location	PE-35
Sample Name	PE35_20.5
Sample Date	9/24/2024
Sample Depth (ft bgs)	20.5-21
Metals	
Mercury	0.234

Location	PE-29
Sample Name	PE29_16
Sample Date	8/22/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
1,4-Dioxane	0.12
Acetone	0.14
Metals	
Selenium	7.32
Chromium, Hexavalent	1.76

Location	PE-49
Sample Name	PE49_22
Sample Date	9/11/2024
Sample Depth (ft bgs)	22-22.5
Metals	
Copper	119
Lead	2,140
Zinc	293
Mercury	0.249

Location	PE-28
Sample Name	PE28_15
Sample Date	8/19/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.067
Metals	
Barium	705
Lead	374
Zinc	621
Mercury	0.296

Location	PE-57
Sample Name	PE57_22
Sample Date	9/11/2024
Sample Depth (ft bgs)	22-22.5
Metals	
Barium	411
Copper	55
Lead	206
Zinc	215
Mercury	0.692
PCBs	
Total PCBs	0.110

Location	PE-43
Sample Name	PE43_21
Sample Date	9/24/2024
Sample Depth (ft bgs)	21-21.5
Metals	
Lead	124
Zinc	166

Location	PE-52
Sample Name	PE52_19.5
Sample Date	9/24/2024
Sample Depth (ft bgs)	19.5-20
Pesticides	
4,4'-DDE	0.0105 D
4,4'-DDT	0.00711 DP
Metals	
Cadmium	3.29
Copper	148
Lead	454
Zinc	596
Mercury	0.287

Location	PE-50
Sample Name	PE50_21.5
Sample Date	9/11/2024
Sample Depth (ft bgs)	21.5-22
VOCs	
Acetone	0.051

Location	PE-58
Sample Name	PE58_21.5
Sample Date	9/11/2024
Sample Depth (ft bgs)	21.5-22
Metals	
Copper	93.4
Lead	362
Zinc	456
Mercury	0.240

Location	PE-60
Sample Name	PE60_19.5
Sample Date	9/24/2024
Sample Depth (ft bgs)	19.5-20
Metals	
Copper	91.8
Lead	342
Zinc	495
Mercury	0.304

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs
VOCs			
Acetone	0.05	0.05	100
SVOCs			
Benzo(a)anthracene	1	1	1
Benzo(a)pyrene	1	22	1
Benzo(b)fluoranthene	1	1.7	1
Benzo(k)fluoranthene	0.8	1.7	3.9
Chrysene	1	1	3.9
Dibenz(a,h)anthracene	0.33	1000	0.33
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5
Pesticides			
4,4'-DDD	0.0033	14	13
4,4'-DDE	0.0033	17	8.9
4,4'-DDT	0.0033	136	7.9
Dieldrin	0.005	0.1	0.2
PCBs			
Total PCBs	0.1	3.2	1
Metals			
Arsenic	13	16	16
Barium	350	820	400
Cadmium	2.5	7.5	4.3
Copper	50	1720	270
Lead	63	450	400
Mercury	0.18	0.73	0.81
Nickel	30	130	310
Selenium	3.9	4	180
Silver	2	8.3	180
Zinc	109	2480	10000
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.001	0.044
Perfluorooctanoic Acid (PFOA)	0.00066	0.0008	0.033

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs
10 - Result exceeds Protection of Groundwater SCOs
10 - Result exceeds Restricted Use Restricted-Residential SCOs

References:
1. Aerial imagery provided by Nearmap ltd., collected March 10, 2021.
2. Parcel information from MapPLUTO 21v1 copyrighted by the New York City Department of Planning.

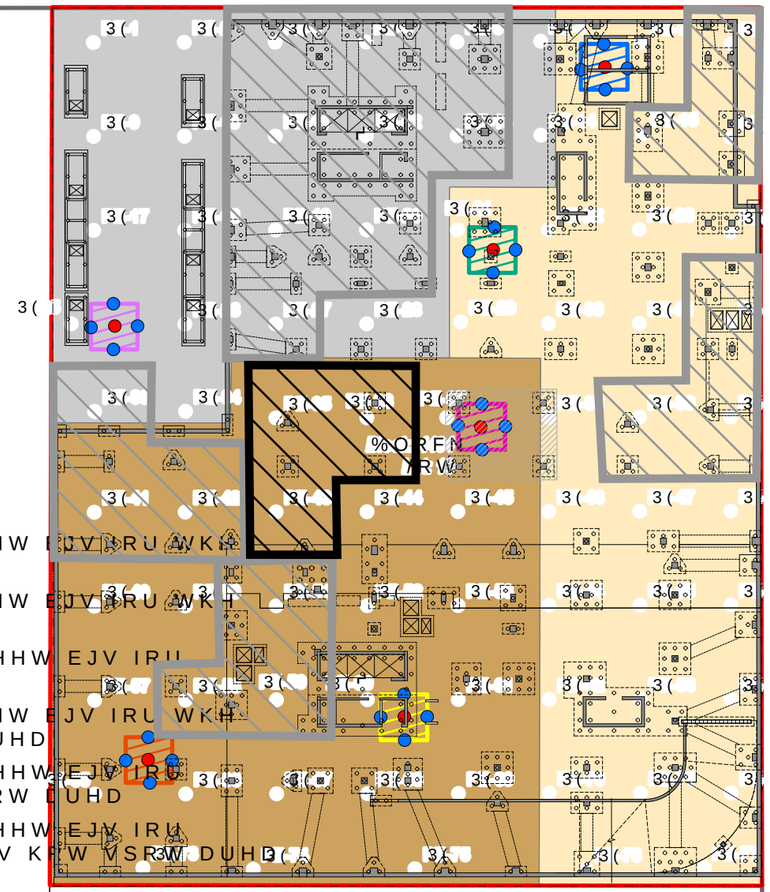
LANGAN
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Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International LLC
Collectively known as Langan
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
12096 FLATLANDS AVENUE
BLOCK No. 4434, LOT No. 10
BROOKLYN
KINGS COUNTY NEW YORK

Drawing Title
PRELIMINARY ENDPOINT SAMPLING ANALYTICAL RESULTS (DRAFT) & SOIL REUSE REQUEST

Project No.	100688801
Date	9/4/2024
Scale	1:600
Drawn By	IHB
Last Revised	10/4/2024
Figure	X

Remedial Excavation modified to a Track 2 15-foot cut across the Site footprint on 9/4/24.
Hot spot excavation and associated confirmation sample collection will not be implemented.



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Remedial Excavation modified to a Track 2 15-foot cut across the Site footprint on 9/4/24. Hot spot excavation and associated confirmation sample collection will not be implemented.

Proposed Soil Reuse Source Area

Previously Approved Soil Reuse Source Area

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LANGAN
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Langan Engineering & Environmental Services, Inc.
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Langan International LLC
Collectively known as Langan
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
12096 FLATLANDS AVENUE
BLOCK No. 4434, LOT No. 10
BROOKLYN
KINGS COUNTY NEW YORK

Drawing Title
PROPOSED SOIL REUSE SOURCE AREAS

Project No.	100688801
Date	9/27/2022
Scale	1:600
Drawn By	IHB
Last Revised	10/4/2024
Figure	Y

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Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 10/03/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I1448

Report Date: 10/03/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I1448

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 24, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24I1448-01	PE35_20.5	Soil	09/24/2024	09/24/2024
24I1448-02	PE36_20	Soil	09/24/2024	09/24/2024
24I1448-03	PE43_21	Soil	09/24/2024	09/24/2024
24I1448-04	PE52_19.5	Soil	09/24/2024	09/24/2024
24I1448-05	PE60_19.5	Soil	09/24/2024	09/24/2024
24I1448-06	DUP_09242024	Soil	09/24/2024	09/24/2024
24I1448-07	EB_09242024	Water	09/24/2024	09/24/2024
24I1448-08	FB_09242024	Water	09/24/2024	09/24/2024
24I1448-09	TB_09242024	Water	09/24/2024	09/24/2024

General Notes for York Project (SDG) No.: 24I1448

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 10/03/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.015**		mg/kg dry	0.0051	0.010	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0051	0.010	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0083**	CCVE, J	mg/kg dry	0.0051	0.010	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*70.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*72.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*94.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*107 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*106 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	09/27/2024 08:24	09/30/2024 16:55	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*63.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.197	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 20:31	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0589	0.222	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 20:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.222	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 20:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.203	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 20:31	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.191	0.222	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 20:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.210	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.212	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.662	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.840	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.890	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.396	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.215	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0689	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.662	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.676	0.890	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.346	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.274	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.193	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.188	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L	ug/kg dry	0.705	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND	PF-CCV-L	ug/kg dry	2.33	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.67	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.679	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.775	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*87.0 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*105 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*89.3 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*91.8 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*89.8 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*93.5 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*71.1 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*53.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*45.7 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*66.9 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.9 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*93.3 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*80.2 %*	*10-150*

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*85.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*125 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*86.3 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*98.0 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*97.3 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.8 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*40.9 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*37.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*55.6 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*43.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*46.9 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	09/25/2024 12:09	09/26/2024 14:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	09/25/2024 12:09	09/26/2024 14:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	09/25/2024 12:09	09/26/2024 14:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	09/25/2024 12:09	09/26/2024 14:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	09/25/2024 12:09	09/26/2024 14:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	09/25/2024 12:09	09/26/2024 14:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	09/25/2024 12:09	09/26/2024 14:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	09/25/2024 12:09	09/26/2024 14:54	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*108 %*	*30-120*

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.5 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0221	1	EPA 8151A	09/25/2024 12:20	09/26/2024 18:38	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0221	1	EPA 8151A	09/25/2024 12:20	09/26/2024 18:38	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0221	1	EPA 8151A	09/25/2024 12:20	09/26/2024 18:38	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*91.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8160**		mg/kg dry	4.67	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.33	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.77**		mg/kg dry	1.40	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**11.7**		mg/kg dry	2.33	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.280	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**718**	B	mg/kg dry	4.67	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.6**		mg/kg dry	0.467	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.47**		mg/kg dry	0.373	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**9.59**		mg/kg dry	1.87	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**9160**		mg/kg dry	23.3	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**6.85**		mg/kg dry	0.467	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1970**		mg/kg dry	4.67	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**53.3**		mg/kg dry	0.467	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.9**		mg/kg dry	0.930	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**314**	B	mg/kg dry	4.67	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.471	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**49.3**		mg/kg dry	46.7	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.33	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**18.7**		mg/kg dry	0.930	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**32.2**		mg/kg dry	2.33	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.234**		mg/kg dry	0.0336	1	EPA 7473	09/25/2024 14:06	09/26/2024 14:17	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.560	1	EPA 7196A	09/25/2024 14:48	09/25/2024 22:39	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.6**		mg/kg	0.500	1	Calculation	09/27/2024 15:05	09/27/2024 15:32	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.560	1	EPA 9014/9010C	09/25/2024 08:12	09/25/2024 15:36	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**89.2**		%	0.100	1	SM 2540G	09/25/2024 08:27	09/25/2024 13:51	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0047	0.0094	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.190	0.380	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.380	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.190	0.380	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*59.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*78.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*89.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*87.7 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	09/27/2024 08:24	09/30/2024 17:12	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*74.2 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 21:19	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0616	0.232	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 21:19	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.232	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 21:19	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.208	0.213	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 21:19	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.200	0.232	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 21:19	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.194	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.220	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.222	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.189	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.145	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.120	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.172	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.225	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.170	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.180	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.691	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.877	0.892	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.127	0.930	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.162	0.414	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.224	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0720	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.112	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.182	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.691	0.872	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.707	0.930	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.361	0.878	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.286	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.202	0.878	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.196	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.144	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L	ug/kg dry	0.737	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND	PF-CCV-L	ug/kg dry	2.44	5.81	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.74	5.81	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.710	2.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.209	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.810	2.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*83.2 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*102 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*89.0 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*82.7 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*104 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*104 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*82.2 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*63.0 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*50.1 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*64.0 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*85.3 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*94.9 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*84.2 %*	*10-150*

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*84.8 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*95.6 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*92.1 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*81.5 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*102 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*95.2 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*40.4 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*36.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*82.5 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*48.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*52.4 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:08	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*106 %*	*30-120*

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.0 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0230	1	EPA 8151A	09/25/2024 12:20	09/26/2024 18:46	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0230	1	EPA 8151A	09/25/2024 12:20	09/26/2024 18:46	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0230	1	EPA 8151A	09/25/2024 12:20	09/26/2024 18:46	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*95.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6320**		mg/kg dry	4.85	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.43	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.46	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**7.08**		mg/kg dry	2.42	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.087**		mg/kg dry	0.049	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.291	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**565**		mg/kg dry	4.85	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.5**		mg/kg dry	0.486	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.30**		mg/kg dry	0.388	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**9.56**		mg/kg dry	1.94	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**7540**		mg/kg dry	24.3	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**5.29**		mg/kg dry	0.486	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1700**		mg/kg dry	4.86	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**43.8**		mg/kg dry	0.486	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**17.4**		mg/kg dry	0.966	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**260**	B	mg/kg dry	4.86	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.43	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.489	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**68.0**		mg/kg dry	48.5	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.43	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**12.7**		mg/kg dry	0.966	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**21.4**		mg/kg dry	2.42	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0349	1	EPA 7473	09/25/2024 14:06	09/26/2024 14:17	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.582	1	EPA 7196A	09/25/2024 14:48	09/25/2024 22:39	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.5**		mg/kg	0.500	1	Calculation	09/27/2024 15:05	09/27/2024 15:32	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.582	1	EPA 9014/9010C	09/25/2024 08:12	09/25/2024 15:36	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**85.9**		%	0.100	1	SM 2540G	09/25/2024 08:27	09/25/2024 13:51	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	CCVE, QL-02	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.070	0.14	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0070	0.014	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0070	0.014	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*107 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.0893**	J	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0829**	J	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0629**	J	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0622**	J	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0693**	J	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0650**	J, B	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0986**		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.163**		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0550**	J	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.128**		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.216**		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	09/27/2024 08:24	09/30/2024 17:29	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.2 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.119	0.190	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:07	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0568	0.214	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:07	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.214	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:07	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.192	0.196	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:07	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.184	0.214	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:07	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.205	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.208	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.156	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.166	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.638	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.809	0.823	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.857	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.381	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.207	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0664	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.638	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.652	0.857	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.333	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.264	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.133	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.679	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.25	5.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.61	5.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.655	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.747	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*60.2 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*72.9 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*61.7 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*65.0 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*73.9 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*88.6 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*68.4 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*57.9 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*49.6 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*73.9 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*78.3 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*62.9 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*60.8 %*	*10-150*

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*74.0 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*84.6 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*84.4 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*92.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*67.8 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*77.4 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*46.7 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*33.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*60.3 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*46.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*48.2 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:21	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-120*

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0214	1	EPA 8151A	09/25/2024 12:20	09/26/2024 18:53	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0214	1	EPA 8151A	09/25/2024 12:20	09/26/2024 18:53	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0214	1	EPA 8151A	09/25/2024 12:20	09/26/2024 18:53	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*98.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5160**		mg/kg dry	4.51	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.25	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.71**		mg/kg dry	1.35	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**90.0**		mg/kg dry	2.25	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.081**		mg/kg dry	0.045	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.361**		mg/kg dry	0.271	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2650**		mg/kg dry	4.51	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.5**		mg/kg dry	0.451	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.67**		mg/kg dry	0.360	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**36.1**		mg/kg dry	1.80	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**11400**		mg/kg dry	22.5	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**124**		mg/kg dry	0.451	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1670**		mg/kg dry	4.51	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**98.2**		mg/kg dry	0.451	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.8**		mg/kg dry	0.898	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**389**	B	mg/kg dry	4.51	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.25	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.455	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**99.1**		mg/kg dry	45.1	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.25	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.0**		mg/kg dry	0.898	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**166**		mg/kg dry	2.25	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.101**		mg/kg dry	0.0325	1	EPA 7473	09/25/2024 14:06	09/26/2024 14:17	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.541	1	EPA 7196A	09/25/2024 14:48	09/25/2024 22:39	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**12.5**		mg/kg	0.500	1	Calculation	09/27/2024 15:05	09/27/2024 15:32	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.541	1	EPA 9014/9010C	09/25/2024 08:12	09/25/2024 15:36	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.4**		%	0.100	1	SM 2540G	09/25/2024 08:27	09/25/2024 13:51	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	CCVE, QL-02	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0061	0.012	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*110 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.188	0.375	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.117**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.375	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.285**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.260**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.226**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.192**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.225**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	**Benzyl butyl phthalate**	**0.293**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.897**	B	mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.315**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0577**	J	mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	**Di-n-butyl phthalate**	**0.0562**	J	mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.544**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0487**	J	mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.205**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.412**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.712**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.188	0.375	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*31.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*42.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	09/27/2024 08:24	09/30/2024 17:47	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*57.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.126	0.201	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0601	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.203	0.208	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.195	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.363**		ug/kg dry	0.189	0.211	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.214	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.217	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.225	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.185	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.142	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.117	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.168	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	**N-EtFOSAA**	**0.232**		ug/kg dry	0.220	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.124	0.454	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.166	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.176	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.675	0.862	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.856	0.871	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.124	0.908	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.158	0.404	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.219	0.454	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0703	0.454	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.109	0.454	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.178	0.213	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.675	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:24	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.690	0.908	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:24	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.353	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:24	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.279	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:24	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.197	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:24	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.192	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:24	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.141	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:24	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.719	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:24	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.38	5.67	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:24	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.70	5.67	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:24	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.693	2.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:24	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.204	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:24	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.791	2.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:24	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.225	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:24	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*67.9 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*96.0 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*85.0 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*78.3 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*105 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*104 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*78.6 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*65.7 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.1 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*95.6 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*112 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*81.7 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*85.7 %*	*10-150*

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*125 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*127 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*285 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*263 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*95.5 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*117 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*34.4 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*28.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*81.4 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*24.4 %*	PFSu-L		*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*32.2 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD [2C]**	**0.00756**		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	**4,4'-DDE**	**0.0105**		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	**4,4'-DDT**	**0.00711**	P	mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	**alpha-Chlordane**	**0.00374**		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	**gamma-Chlordane**	**0.00313**	P	mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	**Aroclor 1248**	**0.435**	P	mg/kg dry	0.0188	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.179**		mg/kg dry	0.0188	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.615**	P	mg/kg dry	0.0188	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:35	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*97.0 %*	*30-120*

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0226	1	EPA 8151A	09/25/2024 08:47	09/25/2024 19:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0226	1	EPA 8151A	09/25/2024 08:47	09/25/2024 19:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0226	1	EPA 8151A	09/25/2024 08:47	09/25/2024 19:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*77.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6130**		mg/kg dry	4.74	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	**Antimony**	**5.95**	M-CCV 1	mg/kg dry	2.37	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.96**		mg/kg dry	1.42	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**210**		mg/kg dry	2.37	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.048	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**3.29**		mg/kg dry	0.285	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**9780**		mg/kg dry	4.75	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**18.1**		mg/kg dry	0.475	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.85**		mg/kg dry	0.379	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**148**		mg/kg dry	1.90	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**19400**		mg/kg dry	23.7	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**454**		mg/kg dry	0.475	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3320**		mg/kg dry	4.75	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**246**		mg/kg dry	0.475	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**27.2**		mg/kg dry	0.945	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**399**	B	mg/kg dry	4.75	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.37	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.478	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**169**		mg/kg dry	47.5	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.37	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**30.9**		mg/kg dry	0.945	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**596**		mg/kg dry	2.36	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.287**		mg/kg dry	0.0342	1	EPA 7473	09/25/2024 14:06	09/26/2024 14:17	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.569	1	EPA 7196A	09/25/2024 14:48	09/25/2024 22:39	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	18.1		mg/kg	0.500	1	Calculation	09/27/2024 15:05	09/27/2024 15:32	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	0.626		mg/kg dry	0.569	1	EPA 9014/9010C	09/26/2024 08:30	09/26/2024 15:07	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.8		%	0.100	1	SM 2540G	09/25/2024 08:27	09/25/2024 13:51	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	CCVE, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0056	0.011	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0057**	CCVE, J	mg/kg dry	0.0056	0.011	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*110 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.117**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.200	0.400	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.337**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.200	0.400	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.715**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.157**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.443**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.432**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.487**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	**Benzyl butyl phthalate**	**0.125**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.285**	B	mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.832**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0655**	J	mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**1.22**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.183**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.444**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**1.17**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**1.99**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.200	0.400	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*40.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*40.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*47.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*59.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	09/27/2024 08:24	09/30/2024 18:04	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*90.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.134	0.213	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0638	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.126	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.216	0.220	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.207	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.237**		ug/kg dry	0.201	0.224	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.228	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.230	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.238	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.196	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.151	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.124	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.178	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.234	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.131	0.482	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.176	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.187	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.717	0.915	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.909	0.925	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.131	0.964	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.167	0.429	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.232	0.482	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0747	0.482	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.116	0.482	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.189	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.717	0.903	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:40	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.732	0.964	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:40	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.375	0.911	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:40	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.296	0.901	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:40	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.210	0.911	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:40	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.204	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:40	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.149	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:40	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.764	1.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:40	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.53	6.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:40	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.81	6.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:40	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.736	2.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:40	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.217	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:40	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.840	2.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:40	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.238	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:40	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*70.0 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*89.4 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*85.4 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*82.7 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*92.7 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*116 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*85.7 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*76.0 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.4 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*94.5 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*115 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*79.7 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*77.0 %*	*10-150*

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*132 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*138 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*190 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*259 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*98.9 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*99.1 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*42.1 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*36.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*79.9 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*27.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*36.5 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD [2C]	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	**4,4'-DDE**	**0.00287**		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	**4,4'-DDT**	**0.00276**	P	mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0199	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	**Aroclor 1248**	**0.0433**	P	mg/kg dry	0.0199	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.0249**		mg/kg dry	0.0199	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.0682**	P	mg/kg dry	0.0199	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:49	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.5 %*	*30-120*

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.5 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0240	1	EPA 8151A	09/25/2024 08:47	09/25/2024 19:34	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0240	1	EPA 8151A	09/25/2024 08:47	09/25/2024 19:34	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0240	1	EPA 8151A	09/25/2024 08:47	09/25/2024 19:34	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*55.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6170**		mg/kg dry	5.03	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.51	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.47**		mg/kg dry	1.51	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**300**		mg/kg dry	2.51	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.070**		mg/kg dry	0.051	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.47**		mg/kg dry	0.302	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**7230**		mg/kg dry	5.03	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**19.1**		mg/kg dry	0.503	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.78**		mg/kg dry	0.402	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**91.8**		mg/kg dry	2.01	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**20200**		mg/kg dry	25.1	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**342**		mg/kg dry	0.503	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2420**		mg/kg dry	5.03	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**244**		mg/kg dry	0.503	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**22.7**		mg/kg dry	1.00	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**580**	B	mg/kg dry	5.03	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.51	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.507	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**218**		mg/kg dry	50.3	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.51	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**23.9**		mg/kg dry	1.00	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**495**		mg/kg dry	2.50	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.304**		mg/kg dry	0.0362	1	EPA 7473	09/25/2024 14:06	09/26/2024 14:17	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.603	1	EPA 7196A	09/25/2024 14:48	09/25/2024 22:39	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	19.1		mg/kg	0.500	1	Calculation	09/27/2024 15:05	09/27/2024 15:32	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.603	1	EPA 9014/9010C	09/26/2024 08:30	09/26/2024 15:07	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.9		%	0.100	1	SM 2540G	09/25/2024 08:27	09/25/2024 13:51	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.019**		mg/kg dry	0.0051	0.010	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0051	0.010	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0051	0.010	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*107 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*86.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.7 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	09/27/2024 08:24	09/30/2024 18:21	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*67.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.200	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0598	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.202	0.206	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.194	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.188	0.210	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.213	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.215	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.223	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.451	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.165	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.215	0.218	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.671	0.857	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.852	0.866	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.123	0.902	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.402	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.218	0.451	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0699	0.451	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.451	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.177	0.212	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.671	0.846	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:56	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.686	0.902	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:56	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.351	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:56	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.277	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:56	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.196	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:56	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.191	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:56	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:56	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.715	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:56	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.37	5.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:56	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.69	5.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:56	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.689	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:56	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.203	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:56	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.786	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:56	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.223	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:56	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*81.1 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*99.2 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*96.2 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*96.6 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*130 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*126 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*72.7 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*66.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*52.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.37 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*116 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*74.0 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*107 %*		*10-150*

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*135 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*148 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*133 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*203 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*98.6 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*107 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*49.8 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*33.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*92.3 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*34.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*42.8 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A	09/25/2024 12:09	09/26/2024 16:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	09/25/2024 12:09	09/26/2024 16:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	09/25/2024 12:09	09/26/2024 16:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	09/25/2024 12:09	09/26/2024 16:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	09/25/2024 12:09	09/26/2024 16:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	09/25/2024 12:09	09/26/2024 16:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	09/25/2024 12:09	09/26/2024 16:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	09/25/2024 12:09	09/26/2024 16:02	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.5 %*	*30-120*

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.5 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0225	1	EPA 8151A	09/25/2024 08:47	09/25/2024 19:41	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0225	1	EPA 8151A	09/25/2024 08:47	09/25/2024 19:41	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0225	1	EPA 8151A	09/25/2024 08:47	09/25/2024 19:41	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*91.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8840**		mg/kg dry	4.71	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.35	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.49**		mg/kg dry	1.41	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**9.21**		mg/kg dry	2.35	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.085**		mg/kg dry	0.047	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.283	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**537**		mg/kg dry	4.71	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**17.2**		mg/kg dry	0.471	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.54**		mg/kg dry	0.376	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**7.51**		mg/kg dry	1.88	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**9470**		mg/kg dry	23.5	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**4.57**		mg/kg dry	0.471	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1480**		mg/kg dry	4.71	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**52.9**		mg/kg dry	0.471	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.0**		mg/kg dry	0.938	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**301**	B	mg/kg dry	4.71	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.35	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.475	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**54.2**		mg/kg dry	47.1	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.35	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**21.3**		mg/kg dry	0.938	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**16.9**		mg/kg dry	2.35	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0339	1	EPA 7473	09/25/2024 14:06	09/26/2024 14:17	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.565	1	EPA 7196A	09/25/2024 14:48	09/25/2024 22:39	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.2**		mg/kg	0.500	1	Calculation	09/27/2024 15:05	09/27/2024 15:32	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.565	1	EPA 9014/9010C	09/26/2024 08:30	09/26/2024 15:07	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.5**		%	0.100	1	SM 2540G	09/25/2024 08:27	09/25/2024 13:51	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **EB_09242024** **York Sample ID:** **24I1448-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:00 pm	09/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.455	1.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.338	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.687	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.658	1.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.406	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.793	1.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.503	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.725	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.09	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.851	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.716	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.667	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.764	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.996	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.222	3.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.851	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.880	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.28	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.03	7.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.98	7.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**2.93**	J	ng/L	0.319	7.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM

Sample Information

Client Sample ID: EB_09242024 **York Sample ID:** 24I1448-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:00 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.484	3.44	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/30/2024 10:17	10/03/2024 09:38	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.07	3.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/30/2024 10:17	10/03/2024 09:38	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.242	3.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/30/2024 10:17	10/03/2024 09:38	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.358	3.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/30/2024 10:17	10/03/2024 09:38	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.735	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.73	7.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.12	7.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
83329-89-9	11CL-PF3OUdS	ND		ng/L	1.33	7.31	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.677	7.23	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
919005-14-4	ADONA	ND		ng/L	0.513	7.31	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.899	1.88	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 09:38	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.832	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.96	4.84	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 09:38	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.09	24.2	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 09:38	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.16	24.2	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 09:38	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.86	19.3	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 09:38	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.53	1.93	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 09:38	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.86	19.3	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 09:38	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.74	1.93	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 09:38	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*115 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*128 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*123 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*119 %*	*25-150*

Sample Information

Client Sample ID: EB_09242024 **York Sample ID:** 24I1448-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:00 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*122 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*129 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*136 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*110 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*95.3 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*3.96 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*99.7 %*			*25-150*						
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*83.1 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*115 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*108 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*119 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*99.5 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*98.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*111 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*121 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*95.9 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*80.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*129 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*78.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*82.2 %*			*25-150*						

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE	ug/L	0.421	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.16**		ug/L	0.245	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**17.4**		ug/L	0.243	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	CCVE, QL-02	ug/L	0.146	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.0 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.9 %*	*70-130*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*20.5 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*13.0 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*41.8 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.2 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.8 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*53.4 %*		*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	09/27/2024 08:49	10/01/2024 14:31	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*67.2 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.460	1.73	1	EPA 1633 Draft 3	09/30/2024 10:17	10/03/2024 10:26	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.342	1.96	1	EPA 1633 Draft 3	09/30/2024 10:17	10/03/2024 10:26	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.695	1.96	1	EPA 1633 Draft 3	09/30/2024 10:17	10/03/2024 10:26	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.665	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.411	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.802	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.509	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.734	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.11	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.861	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.724	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.675	1.96	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.773	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.01	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.225	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.861	1.96	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.890	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.29	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.04	7.44	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.01	7.51	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**0.387**	J	ng/L	0.323	7.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.489	3.48	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/30/2024 10:17	10/03/2024 10:26	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.09	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/30/2024 10:17	10/03/2024 10:26	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.245	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/30/2024 10:17	10/03/2024 10:26	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.362	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/30/2024 10:17	10/03/2024 10:26	AM

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.744	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.75	7.34	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.16	7.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
83329-89-9	11CL-PF3OUdS	ND		ng/L	1.35	7.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.685	7.32	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
919005-14-4	ADONA	ND		ng/L	0.519	7.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.910	1.90	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 10:26	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.841	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.99	4.89	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 10:26	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.17	24.5	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 10:26	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.27	24.5	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 10:26	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.90	19.6	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 10:26	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.55	1.96	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 10:26	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.90	19.6	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 10:26	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.76	1.96	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 10:26	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*165 %*	PFSu-H	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*140 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*136 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*165 %*	PFSu-H	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*156 %*	PFSu-H	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*141 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*134 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*127 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*78.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*20.1 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*144 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*123 %*		*25-150*

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*148 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*142 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*149 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*142 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*139 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*137 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*170 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*117 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*106 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*159 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*79.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*103 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	09/25/2024 08:27	09/25/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	09/25/2024 08:27	09/25/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	09/25/2024 08:27	09/25/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	09/25/2024 08:27	09/25/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	09/25/2024 08:27	09/25/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	09/25/2024 08:27	09/25/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	09/25/2024 08:27	09/25/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	09/25/2024 08:27	09/25/2024 20:07	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.5 %*	*30-150*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	09/26/2024 08:25	09/27/2024 15:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	09/26/2024 08:25	09/27/2024 15:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	09/26/2024 08:25	09/27/2024 15:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*75.4 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**0.240**		mg/L	0.0556	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**0.903**		mg/L	0.556	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	09/26/2024 09:26	09/26/2024 17:32	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	09/26/2024 09:26	09/26/2024 17:32	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	09/26/2024 09:26	09/26/2024 17:32	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	09/26/2024 09:26	09/26/2024 17:32	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	09/26/2024 09:26	09/26/2024 17:32	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	09/26/2024 09:26	09/26/2024 17:32	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/25/2024 08:33	09/25/2024 08:33	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	09/24/2024 21:52	09/24/2024 22:34	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	09/27/2024 15:44	09/30/2024 16:20	AD
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	09/26/2024 14:38	09/26/2024 18:04	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: TB_09242024 **York Sample ID:** 24I1448-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09242024 **York Sample ID:** 24I1448-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE	ug/L	0.421	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09242024 **York Sample ID:** 24I1448-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.146	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09242024 **York Sample ID:** 24I1448-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.1 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.9 %*	*70-130*

Analytical Batch Summary

Batch ID: BI41555 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/24/24
BI41555-BLK1	Blank	09/24/24
BI41555-BS1	LCS	09/24/24
BI41555-DUP1	Duplicate	09/24/24
BI41555-MS1	Matrix Spike	09/24/24
BI41555-MSD1	Matrix Spike Dup	09/24/24

Batch ID: BI41560 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/25/24
24I1448-02	PE36_20	09/25/24
24I1448-03	PE43_21	09/25/24
BI41560-BLK1	Blank	09/25/24
BI41560-DUP1	Duplicate	09/25/24
BI41560-MS1	Matrix Spike	09/25/24
BI41560-MSD1	Matrix Spike Dup	09/25/24
BI41560-SRM1	Reference	09/25/24

Batch ID: BI41569 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/25/24
24I1448-08	FB_09242024	09/25/24
BI41569-BLK1	Blank	09/25/24
BI41569-BLK2	Blank	09/25/24
BI41569-BS1	LCS	09/25/24
BI41569-BS2	LCS	09/25/24
BI41569-BSD1	LCS Dup	09/25/24
BI41569-BSD2	LCS Dup	09/25/24

Batch ID: BI41570 **Preparation Method:** % Solids Prep **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/25/24
24I1448-02	PE36_20	09/25/24
24I1448-03	PE43_21	09/25/24
24I1448-04	PE52_19.5	09/25/24
24I1448-05	PE60_19.5	09/25/24
24I1448-06	DUP_09242024	09/25/24
BI41570-DUP1	Duplicate	09/25/24

Batch ID: BI41578 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/25/24
BI41578-BLK1	Blank	09/25/24
BI41578-BLK2	Blank	09/25/24
BI41578-BS1	LCS	09/25/24
BI41578-BS2	LCS	09/25/24

Batch ID: BI41588 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-04	PE52_19.5	09/25/24
24I1448-05	PE60_19.5	09/25/24
24I1448-06	DUP_09242024	09/25/24
BI41588-BLK1	Blank	09/25/24
BI41588-BS1	LCS	09/25/24

Batch ID: BI41602 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/25/24
24I1448-02	PE36_20	09/25/24
24I1448-03	PE43_21	09/25/24
24I1448-04	PE52_19.5	09/25/24
24I1448-05	PE60_19.5	09/25/24
24I1448-06	DUP_09242024	09/25/24
BI41602-BLK1	Blank	09/25/24
BI41602-BS1	LCS	09/25/24
BI41602-BSD1	LCS Dup	09/25/24
BI41602-MS1	Matrix Spike	09/25/24
BI41602-MSD1	Matrix Spike Dup	09/25/24

Batch ID: BI41604 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/25/24
BI41604-BLK1	Blank	09/25/24
BI41604-BS1	LCS	09/25/24
BI41604-BSD1	LCS Dup	09/25/24

Batch ID: BI41605 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-09	TB_09242024	09/26/24
BI41605-BLK1	Blank	09/26/24
BI41605-BS1	LCS	09/26/24
BI41605-BSD1	LCS Dup	09/26/24

Batch ID: BI41607 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/25/24
24I1448-01	PE35_20.5	09/25/24
24I1448-02	PE36_20	09/25/24
24I1448-02	PE36_20	09/25/24
24I1448-03	PE43_21	09/25/24
24I1448-03	PE43_21	09/25/24
24I1448-04	PE52_19.5	09/25/24
24I1448-04	PE52_19.5	09/25/24
24I1448-05	PE60_19.5	09/25/24
24I1448-05	PE60_19.5	09/25/24
24I1448-06	DUP_09242024	09/25/24
24I1448-06	DUP_09242024	09/25/24
BI41607-BLK2	Blank	09/25/24
BI41607-BS2	LCS	09/25/24
BI41607-MS2	Matrix Spike	09/25/24
BI41607-MSD2	Matrix Spike Dup	09/25/24

Batch ID: BI41610 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/25/24
24I1448-02	PE36_20	09/25/24
24I1448-03	PE43_21	09/25/24
BI41610-BLK1	Blank	09/25/24
BI41610-BS1	LCS	09/25/24
BI41610-MS1	Matrix Spike	09/25/24
BI41610-MSD1	Matrix Spike Dup	09/25/24

Batch ID: BI41614 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/25/24
24I1448-02	PE36_20	09/25/24
24I1448-03	PE43_21	09/25/24
24I1448-04	PE52_19.5	09/25/24
24I1448-05	PE60_19.5	09/25/24
24I1448-06	DUP_09242024	09/25/24
BI41614-BLK1	Blank	09/25/24
BI41614-DUP1	Duplicate	09/25/24
BI41614-MS1	Matrix Spike	09/25/24
BI41614-SRM1	Reference	09/25/24

Batch ID: BI41627 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date

24I1448-01	PE35_20.5	09/25/24
BI41627-BLK1	Blank	09/25/24
BI41627-DUP1	Duplicate	09/25/24
BI41627-MS1	Matrix Spike	09/25/24
BI41627-PS1	Post Spike	09/25/24
BI41627-SRM1	Reference	09/25/24

Batch ID: BI41629 **Preparation Method:** EPA SW846-3060 **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/25/24
24I1448-02	PE36_20	09/25/24
24I1448-03	PE43_21	09/25/24
24I1448-04	PE52_19.5	09/25/24
24I1448-05	PE60_19.5	09/25/24
24I1448-06	DUP_09242024	09/25/24
BI41629-BLK1	Blank	09/25/24
BI41629-DUP1	Duplicate	09/25/24
BI41629-MS1	Matrix Spike	09/25/24
BI41629-MSD1	Matrix Spike Dup	09/25/24
BI41629-SRM1	Reference	09/25/24

Batch ID: BI41656 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/26/24
24I1448-02	PE36_20	09/26/24
24I1448-03	PE43_21	09/26/24
24I1448-04	PE52_19.5	09/26/24
24I1448-05	PE60_19.5	09/26/24
24I1448-06	DUP_09242024	09/26/24
BI41656-BLK1	Blank	09/26/24
BI41656-BS1	LCS	09/26/24
BI41656-MS1	Matrix Spike	09/26/24
BI41656-MSD1	Matrix Spike Dup	09/26/24

Batch ID: BI41667 **Preparation Method:** EPA 8151A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/26/24
BI41667-BLK1	Blank	09/26/24
BI41667-BS1	LCS	09/26/24
BI41667-BSD1	LCS Dup	09/26/24

Batch ID: BI41669 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-04	PE52_19.5	09/26/24
24I1448-05	PE60_19.5	09/26/24

24I1448-06	DUP_09242024	09/26/24
BI41669-BLK1	Blank	09/26/24
BI41669-SRM1	Reference	09/26/24

Batch ID: BI41679 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/26/24
BI41679-BLK1	Blank	09/26/24
BI41679-BS1	LCS	09/26/24
BI41679-DUP1	Duplicate	09/26/24
BI41679-MS1	Matrix Spike	09/26/24

Batch ID: BI41709 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/26/24
BI41709-BLK1	Blank	09/26/24
BI41709-BS1	LCS	09/26/24

Batch ID: BI41719 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-02	PE36_20	09/26/24
24I1448-03	PE43_21	09/26/24
24I1448-04	PE52_19.5	09/26/24
24I1448-05	PE60_19.5	09/26/24
24I1448-06	DUP_09242024	09/26/24
BI41719-BLK1	Blank	09/26/24
BI41719-SRM1	Reference	09/26/24

Batch ID: BI41762 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/27/24
24I1448-02	PE36_20	09/27/24
24I1448-03	PE43_21	09/27/24
24I1448-04	PE52_19.5	09/27/24
24I1448-05	PE60_19.5	09/27/24
24I1448-06	DUP_09242024	09/27/24
BI41762-BLK1	Blank	09/27/24
BI41762-BS1	LCS	09/27/24
BI41762-MS1	Matrix Spike	09/27/24
BI41762-MSD1	Matrix Spike Dup	09/27/24

Batch ID: BI41768 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date

24I1448-08	FB_09242024	09/27/24
BI41768-BLK1	Blank	09/27/24
BI41768-BLK2	Blank	09/27/24
BI41768-BS1	LCS	09/27/24
BI41768-BS2	LCS	09/27/24
BI41768-BSD1	LCS Dup	09/27/24

Batch ID: BI41774 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/27/24
BI41774-BLK1	Blank	09/27/24
BI41774-BS1	LCS	09/27/24

Batch ID: BI41775 **Preparation Method:** EPA 3535A **Prepared By:** moa

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/27/24
BI41775-BLK1	Blank	09/27/24
BI41775-BS1	LCS	09/27/24
BI41775-MS1	Matrix Spike	09/27/24
BI41775-MSD1	Matrix Spike Dup	09/27/24

Batch ID: BI41791 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/27/24
24I1448-02	PE36_20	09/27/24
24I1448-03	PE43_21	09/27/24
24I1448-04	PE52_19.5	09/27/24
24I1448-05	PE60_19.5	09/27/24
24I1448-06	DUP_09242024	09/27/24
BI41791-BLK1	Blank	09/27/24
BI41791-BS1	LCS	09/27/24
BI41791-BS2	LCS	09/27/24
BI41791-MS1	Matrix Spike	09/27/24
BI41791-MSD1	Matrix Spike Dup	09/27/24

Batch ID: BI41801 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/27/24
24I1448-02	PE36_20	09/27/24
24I1448-03	PE43_21	09/27/24
24I1448-04	PE52_19.5	09/27/24
24I1448-05	PE60_19.5	09/27/24
24I1448-06	DUP_09242024	09/27/24

Batch ID: BI41810 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/27/24

Batch ID: BI41934 **Preparation Method:** EPA 1633 Prep **Prepared By:** SAB

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-07	EB_09242024	09/30/24
24I1448-08	FB_09242024	09/30/24
BI41934-BLK1	Blank	09/30/24
BI41934-BS1	LCS	09/30/24
BI41934-BS2	LCS	09/30/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41602 - EPA 5035A											
Blank (BI41602-BLK1) Blank									Prepared & Analyzed: 09/25/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41602 - EPA 5035A											
Blank (BI41602-BLK1) Blank								Prepared & Analyzed: 09/25/2024			
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*ug/L*	*50.0*		*99.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.0*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*76-130*				
LCS (BI41602-BS1) LCS								Prepared & Analyzed: 09/25/2024			
1,1,1,2-Tetrachloroethane	48.2		ug/L	50.0		96.4	75-129			30	
1,1,1-Trichloroethane	39.4		"	50.0		78.8	70-130			30	
1,1,2,2-Tetrachloroethane	53.8		"	50.0		108	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.4		"	50.0		80.8	70-130			30	
1,1,2-Trichloroethane	49.2		"	50.0		98.5	70-130			30	
1,1-Dichloroethane	39.8		"	50.0		79.6	70-130			30	
1,1-Dichloroethylene	42.1		"	50.0		84.1	70-130			30	
1,1-Dichloropropylene	42.0		"	50.0		84.0	77-127			30	
1,2,3-Trichlorobenzene	54.5		"	50.0		109	70-130			30	
1,2,3-Trichloropropane	57.6		"	50.0		115	81-126			30	
1,2,4-Trichlorobenzene	56.4		"	50.0		113	70-130			30	
1,2,4-Trimethylbenzene	56.6		"	50.0		113	84-125			30	
1,2-Dibromo-3-chloropropane	52.6		"	50.0		105	40-160			30	
1,2-Dibromoethane	49.6		"	50.0		99.2	70-130			30	
1,2-Dichlorobenzene	54.2		"	50.0		108	70-130			30	
1,2-Dichloroethane	38.9		"	50.0		77.8	70-130			30	
1,2-Dichloropropane	49.6		"	50.0		99.1	70-130			30	
1,3,5-Trimethylbenzene	56.2		"	50.0		112	82-126			30	
1,3-Dichlorobenzene	53.9		"	50.0		108	70-130			30	
1,3-Dichloropropane	48.6		"	50.0		97.2	83-123			30	
1,4-Dichlorobenzene	55.0		"	50.0		110	70-130			30	
1,4-Dioxane	964		"	1050		91.9	40-160			30	
2,2-Dichloropropane	39.0		"	50.0		77.9	67-136			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41602 - EPA 5035A											
LCS (BI41602-BS1) LCS							Prepared & Analyzed: 09/25/2024				
2-Butanone	37.2		ug/L	50.0		74.3	40-160			30	
2-Chlorotoluene	53.8		"	50.0		108	78-127			30	
2-Hexanone	45.1		"	50.0		90.1	40-160			30	
4-Chlorotoluene	57.7		"	50.0		115	79-125			30	
4-Methyl-2-pentanone	47.0		"	50.0		93.9	40-160			30	
Acetone	26.3		"	50.0		52.5	40-160			30	
Acrolein	2.83		"	50.0		5.66	10-238	Low Bias		30	
Acrylonitrile	42.8		"	50.0		85.6	66-141			30	
Benzene	40.3		"	50.0		80.6	70-130			30	
Bromobenzene	54.4		"	50.0		109	77-129			30	
Bromochloromethane	40.6		"	50.0		81.3	70-130			30	
Bromodichloromethane	49.1		"	50.0		98.2	70-130			30	
Bromoform	46.4		"	50.0		92.8	70-130			30	
Bromomethane	36.6		"	50.0		73.3	40-160			30	
Carbon disulfide	41.3		"	50.0		82.7	40-160			30	
Carbon tetrachloride	39.5		"	50.0		79.0	70-130			30	
Chlorobenzene	50.2		"	50.0		100	70-130			30	
Chloroethane	33.2		"	50.0		66.4	51-142			30	
Chloroform	40.5		"	50.0		80.9	70-130			30	
Chloromethane	33.5		"	50.0		67.0	49-132			30	
cis-1,2-Dichloroethylene	37.4		"	50.0		74.9	70-130			30	
cis-1,3-Dichloropropylene	48.6		"	50.0		97.2	70-130			30	
Cyclohexane	37.5		"	50.0		75.1	70-130			30	
Dibromochloromethane	48.4		"	50.0		96.9	70-130			30	
Dibromomethane	48.9		"	50.0		97.7	83-124			30	
Dichlorodifluoromethane	41.4		"	50.0		82.8	40-160			30	
Ethyl Benzene	50.8		"	50.0		102	70-130			30	
Hexachlorobutadiene	57.3		"	50.0		115	83-133			30	
Isopropylbenzene	56.6		"	50.0		113	70-130			30	
Methyl acetate	35.7		"	50.0		71.4	70-130			30	
Methyl tert-butyl ether (MTBE)	40.4		"	50.0		80.8	70-130			30	
Methylcyclohexane	46.4		"	50.0		92.8	70-130			30	
Methylene chloride	37.4		"	50.0		74.9	70-130			30	
n-Butylbenzene	56.3		"	50.0		113	80-130			30	
n-Propylbenzene	55.5		"	50.0		111	74-136			30	
o-Xylene	48.5		"	50.0		97.0	70-130			30	
p- & m- Xylenes	98.2		"	100		98.2	70-130			30	
p-Isopropyltoluene	58.4		"	50.0		117	85-125			30	
sec-Butylbenzene	56.5		"	50.0		113	83-125			30	
Styrene	50.9		"	50.0		102	70-130			30	
tert-Butyl alcohol (TBA)	186		"	250		74.6	70-130			30	
tert-Butylbenzene	54.7		"	50.0		109	80-127			30	
Tetrachloroethylene	44.9		"	50.0		89.8	70-130			30	
Toluene	48.9		"	50.0		97.8	70-130			30	
trans-1,2-Dichloroethylene	39.3		"	50.0		78.6	70-130			30	
trans-1,3-Dichloropropylene	50.6		"	50.0		101	70-130			30	
Trichloroethylene	50.2		"	50.0		100	70-130			30	
Trichlorofluoromethane	38.2		"	50.0		76.5	40-160			30	
Vinyl Chloride	36.2		"	50.0		72.4	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.4*		*"*	*50.0*		*92.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.6*		*"*	*50.0*		*107*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41602 - EPA 5035A											
LCS (BI41602-BS1) LCS								Prepared & Analyzed: 09/25/2024			
Surrogate: SURR: p-Bromofluorobenzene	*53.1*		*ug/L*	*50.0*		*106*	*76-130*				
LCS Dup (BI41602-BSD1) LCS Dup								Prepared & Analyzed: 09/25/2024			
1,1,1,2-Tetrachloroethane	48.2		ug/L	50.0		96.4	75-129		0.0207	30	
1,1,1-Trichloroethane	40.7		"	50.0		81.4	70-130		3.30	30	
1,1,2,2-Tetrachloroethane	52.7		"	50.0		105	70-130		2.18	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42.6		"	50.0		85.3	70-130		5.32	30	
1,1,2-Trichloroethane	50.5		"	50.0		101	70-130		2.55	30	
1,1-Dichloroethane	41.4		"	50.0		82.9	70-130		4.11	30	
1,1-Dichloroethylene	42.5		"	50.0		85.0	70-130		1.06	30	
1,1-Dichloropropylene	41.6		"	50.0		83.2	77-127		0.957	30	
1,2,3-Trichlorobenzene	55.3		"	50.0		111	70-130		1.51	30	
1,2,3-Trichloropropane	53.6		"	50.0		107	81-126		7.21	30	
1,2,4-Trichlorobenzene	55.5		"	50.0		111	70-130		1.59	30	
1,2,4-Trimethylbenzene	55.0		"	50.0		110	84-125		2.83	30	
1,2-Dibromo-3-chloropropane	54.2		"	50.0		108	40-160		2.99	30	
1,2-Dibromoethane	48.7		"	50.0		97.4	70-130		1.79	30	
1,2-Dichlorobenzene	55.0		"	50.0		110	70-130		1.43	30	
1,2-Dichloroethane	3.20		"	50.0		6.40	70-130	Low Bias	170	30	Non-dir.
1,2-Dichloropropane	49.1		"	50.0		98.3	70-130		0.851	30	
1,3,5-Trimethylbenzene	55.3		"	50.0		111	82-126		1.56	30	
1,3-Dichlorobenzene	54.1		"	50.0		108	70-130		0.463	30	
1,3-Dichloropropane	49.5		"	50.0		99.1	83-123		1.94	30	
1,4-Dichlorobenzene	53.9		"	50.0		108	70-130		2.09	30	
1,4-Dioxane	760		"	1050		72.4	40-160		23.7	30	
2,2-Dichloropropane	39.4		"	50.0		78.9	67-136		1.17	30	
2-Butanone	41.3		"	50.0		82.6	40-160		10.6	30	
2-Chlorotoluene	52.9		"	50.0		106	78-127		1.80	30	
2-Hexanone	45.2		"	50.0		90.3	40-160		0.222	30	
4-Chlorotoluene	55.1		"	50.0		110	79-125		4.68	30	
4-Methyl-2-pentanone	47.1		"	50.0		94.2	40-160		0.298	30	
Acetone	26.5		"	50.0		53.0	40-160		0.948	30	
Acrolein	4.45		"	50.0		8.90	10-238	Low Bias	44.5	30	Non-dir.
Acrylonitrile	43.7		"	50.0		87.3	66-141		1.99	30	
Benzene	42.0		"	50.0		84.0	70-130		4.23	30	
Bromobenzene	54.2		"	50.0		108	77-129		0.442	30	
Bromochloromethane	41.8		"	50.0		83.7	70-130		2.91	30	
Bromodichloromethane	49.7		"	50.0		99.3	70-130		1.15	30	
Bromoform	48.0		"	50.0		95.9	70-130		3.28	30	
Bromomethane	40.2		"	50.0		80.5	40-160		9.31	30	
Carbon disulfide	42.3		"	50.0		84.6	40-160		2.25	30	
Carbon tetrachloride	40.2		"	50.0		80.4	70-130		1.73	30	
Chlorobenzene	49.6		"	50.0		99.2	70-130		1.22	30	
Chloroethane	35.0		"	50.0		70.1	51-142		5.36	30	
Chloroform	41.4		"	50.0		82.9	70-130		2.39	30	
Chloromethane	35.7		"	50.0		71.5	49-132		6.47	30	
cis-1,2-Dichloroethylene	39.7		"	50.0		79.3	70-130		5.73	30	
cis-1,3-Dichloropropylene	49.6		"	50.0		99.2	70-130		2.08	30	
Cyclohexane	38.8		"	50.0		77.6	70-130		3.38	30	
Dibromochloromethane	47.3		"	50.0		94.6	70-130		2.40	30	
Dibromomethane	49.3		"	50.0		98.7	83-124		0.957	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41602 - EPA 5035A											
LCS Dup (BI41602-BSD1) LCS Dup							Prepared & Analyzed: 09/25/2024				
Dichlorodifluoromethane	42.5		ug/L	50.0		85.0	40-160		2.55	30	
Ethyl Benzene	50.5		"	50.0		101	70-130		0.573	30	
Hexachlorobutadiene	55.9		"	50.0		112	83-133		2.44	30	
Isopropylbenzene	55.3		"	50.0		111	70-130		2.18	30	
Methyl acetate	36.3		"	50.0		72.5	70-130		1.56	30	
Methyl tert-butyl ether (MTBE)	41.7		"	50.0		83.3	70-130		3.12	30	
Methylcyclohexane	45.6		"	50.0		91.3	70-130		1.69	30	
Methylene chloride	39.2		"	50.0		78.5	70-130		4.75	30	
n-Butylbenzene	55.4		"	50.0		111	80-130		1.68	30	
n-Propylbenzene	53.6		"	50.0		107	74-136		3.61	30	
o-Xylene	49.0		"	50.0		98.0	70-130		1.03	30	
p- & m- Xylenes	97.7		"	100		97.7	70-130		0.531	30	
p-Isopropyltoluene	57.4		"	50.0		115	85-125		1.71	30	
sec-Butylbenzene	54.3		"	50.0		109	83-125		4.03	30	
Styrene	51.4		"	50.0		103	70-130		0.919	30	
tert-Butyl alcohol (TBA)	185		"	250		73.9	70-130		0.965	30	
tert-Butylbenzene	54.1		"	50.0		108	80-127		1.12	30	
Tetrachloroethylene	44.4		"	50.0		88.8	70-130		1.16	30	
Toluene	48.4		"	50.0		96.7	70-130		1.11	30	
trans-1,2-Dichloroethylene	41.9		"	50.0		83.8	70-130		6.48	30	
trans-1,3-Dichloropropylene	49.5		"	50.0		99.0	70-130		2.28	30	
Trichloroethylene	48.6		"	50.0		97.1	70-130		3.26	30	
Trichlorofluoromethane	38.8		"	50.0		77.6	40-160		1.53	30	
Vinyl Chloride	36.7		"	50.0		73.4	70-130		1.34	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.2*		*"*	*50.0*		*96.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.8*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.4*		*"*	*50.0*		*105*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41602 - EPA 5035A											
Matrix Spike (BI41602-MS1) Matrix Spike	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
1,1,1,2-Tetrachloroethane	62.4		ug/L	50.0	0.00	125	15-161			33	
1,1,1-Trichloroethane	50.5		"	50.0	0.00	101	70-130			30	
1,1,2,2-Tetrachloroethane	71.7		"	50.0	0.00	143	70-130	High Bias		30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.6		"	50.0	0.00	109	70-130			30	
1,1,2-Trichloroethane	66.6		"	50.0	0.00	133	70-130	High Bias		30	
1,1-Dichloroethane	53.1		"	50.0	0.00	106	70-130			30	
1,1-Dichloroethylene	55.9		"	50.0	0.00	112	70-130			30	
1,1-Dichloropropylene	53.6		"	50.0	0.00	107	40-133			28	
1,2,3-Trichlorobenzene	63.1		"	50.0	0.00	126	70-130			30	
1,2,3-Trichloropropane	72.1		"	50.0	0.00	144	38-155			48	
1,2,4-Trichlorobenzene	61.5		"	50.0	0.00	123	70-130			30	
1,2,4-Trimethylbenzene	69.2		"	50.0	0.00	138	10-170			242	
1,2-Dibromo-3-chloropropane	71.1		"	50.0	0.00	142	40-160			30	
1,2-Dibromoethane	65.0		"	50.0	0.00	130	70-130			30	
1,2-Dichlorobenzene	66.6		"	50.0	0.00	133	70-130	High Bias		30	
1,2-Dichloroethane	53.6		"	50.0	0.00	107	70-130			30	
1,2-Dichloropropane	63.3		"	50.0	0.00	127	70-130			30	
1,3,5-Trimethylbenzene	68.9		"	50.0	0.00	138	10-150			62	
1,3-Dichlorobenzene	66.1		"	50.0	0.00	132	70-130	High Bias		30	
1,3-Dichloropropane	64.3		"	50.0	0.00	129	43-142			36	
1,4-Dichlorobenzene	65.6		"	50.0	0.00	131	70-130	High Bias		30	
1,4-Dioxane	1510		"	1050	0.00	144	40-160			30	
2,2-Dichloropropane	50.7		"	50.0	0.00	101	38-130			31	
2-Butanone	60.1		"	50.0	0.00	120	40-160			30	
2-Chlorotoluene	66.8		"	50.0	0.00	134	14-144			49	
2-Hexanone	59.7		"	50.0	0.00	119	40-160			30	
4-Chlorotoluene	69.2		"	50.0	0.00	138	15-138			39	
4-Methyl-2-pentanone	64.6		"	50.0	0.00	129	40-160			30	
Acetone	40.7		"	50.0	13.5	54.5	40-160			30	
Acrolein	6.07		"	50.0	0.00	12.1	10-192			128	
Acrylonitrile	57.1		"	50.0	0.00	114	13-161			48	
Benzene	53.3		"	50.0	0.00	107	70-130			30	
Bromobenzene	70.6		"	50.0	0.00	141	23-142			44	
Bromochloromethane	54.1		"	50.0	0.00	108	70-130			30	
Bromodichloromethane	63.4		"	50.0	0.00	127	70-130			30	
Bromoform	59.9		"	50.0	0.00	120	70-130			30	
Bromomethane	50.3		"	50.0	0.00	101	40-160			30	
Carbon disulfide	61.5		"	50.0	1.72	120	40-160			30	
Carbon tetrachloride	49.4		"	50.0	0.00	98.9	70-130			30	
Chlorobenzene	62.3		"	50.0	0.00	125	70-130			30	
Chloroethane	47.0		"	50.0	0.00	94.1	40-160			30	
Chloroform	53.9		"	50.0	0.00	108	70-130			30	
Chloromethane	44.4		"	50.0	0.00	88.8	40-160			30	
cis-1,2-Dichloroethylene	57.4		"	50.0	0.00	115	70-130			30	
cis-1,3-Dichloropropylene	64.0		"	50.0	0.00	128	70-130			30	
Cyclohexane	49.0		"	50.0	0.00	98.0	70-130			30	
Dibromochloromethane	59.4		"	50.0	0.00	119	70-130			30	
Dibromomethane	66.2		"	50.0	0.00	132	47-143			41	
Dichlorodifluoromethane	50.2		"	50.0	0.00	100	40-160			30	
Ethyl Benzene	63.0		"	50.0	0.00	126	70-130			30	
Hexachlorobutadiene	63.4		"	50.0	0.00	127	10-158			45	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41602 - EPA 5035A											
Matrix Spike (BI41602-MS1) Matrix Spike	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
Isopropylbenzene	70.2		ug/L	50.0	0.00	140	70-130	High Bias		30	
Methyl acetate	46.3		"	50.0	0.00	92.6	70-130			30	
Methyl tert-butyl ether (MTBE)	55.3		"	50.0	0.00	111	70-130			30	
Methylcyclohexane	58.7		"	50.0	0.00	117	70-130			30	
Methylene chloride	54.3		"	50.0	7.43	93.8	70-130			30	
n-Butylbenzene	67.4		"	50.0	0.00	135	10-162			96	
n-Propylbenzene	68.8		"	50.0	0.00	138	10-155			56	
o-Xylene	61.9		"	50.0	0.00	124	70-130			30	
p- & m- Xylenes	124		"	100	0.00	124	70-130			30	
p-Isopropyltoluene	71.3		"	50.0	0.00	143	10-147			60	
sec-Butylbenzene	68.2		"	50.0	0.00	136	10-157			56	
Styrene	54.7		"	50.0	0.00	109	70-130			30	
tert-Butyl alcohol (TBA)	250		"	250	0.00	100	34-179			35	
tert-Butylbenzene	68.4		"	50.0	0.00	137	10-160			79	
Tetrachloroethylene	57.0		"	50.0	0.00	114	70-130			30	
Toluene	63.1		"	50.0	0.00	126	70-130			30	
trans-1,2-Dichloroethylene	52.6		"	50.0	0.00	105	70-130			30	
trans-1,3-Dichloropropylene	64.0		"	50.0	0.00	128	70-130			30	
Trichloroethylene	63.7		"	50.0	0.00	127	70-130			30	
Trichlorofluoromethane	49.0		"	50.0	0.00	98.0	40-160			30	
Vinyl Chloride	47.9		"	50.0	0.00	95.7	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*54.6*		*"*	*50.0*		*109*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.4*		*"*	*50.0*		*107*	*76-130*				
Matrix Spike Dup (BI41602-M Matrix Spike Dup	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
1,1,1,2-Tetrachloroethane	66.5		ug/L	50.0	0.00	133	15-161		6.39	33	
1,1,1-Trichloroethane	52.3		"	50.0	0.00	105	70-130		3.58	30	
1,1,2,2-Tetrachloroethane	79.3		"	50.0	0.00	159	70-130	High Bias	10.1	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.6		"	50.0	0.00	105	70-130		3.67	30	
1,1,2-Trichloroethane	74.1		"	50.0	0.00	148	70-130	High Bias	10.8	30	
1,1-Dichloroethane	53.5		"	50.0	0.00	107	70-130		0.882	30	
1,1-Dichloroethylene	55.2		"	50.0	0.00	110	70-130		1.17	30	
1,1-Dichloropropylene	53.3		"	50.0	0.00	107	40-133		0.561	28	
1,2,3-Trichlorobenzene	59.6		"	50.0	0.00	119	70-130		5.72	30	
1,2,3-Trichloropropane	77.9		"	50.0	0.00	156	38-155	High Bias	7.77	48	
1,2,4-Trichlorobenzene	58.4		"	50.0	0.00	117	70-130		5.22	30	
1,2,4-Trimethylbenzene	68.8		"	50.0	0.00	138	10-170		0.579	242	
1,2-Dibromo-3-chloropropane	80.3		"	50.0	0.00	161	40-160	High Bias	12.1	30	
1,2-Dibromoethane	72.2		"	50.0	0.00	144	70-130	High Bias	10.4	30	
1,2-Dichlorobenzene	68.0		"	50.0	0.00	136	70-130	High Bias	2.02	30	
1,2-Dichloroethane	54.6		"	50.0	0.00	109	70-130		1.76	30	
1,2-Dichloropropane	66.4		"	50.0	0.00	133	70-130	High Bias	4.92	30	
1,3,5-Trimethylbenzene	69.5		"	50.0	0.00	139	10-150		0.867	62	
1,3-Dichlorobenzene	65.7		"	50.0	0.00	131	70-130	High Bias	0.683	30	
1,3-Dichloropropane	68.9		"	50.0	0.00	138	43-142		6.91	36	
1,4-Dichlorobenzene	65.5		"	50.0	0.00	131	70-130	High Bias	0.244	30	
1,4-Dioxane	1850		"	1050	0.00	176	40-160	High Bias	20.0	30	
2,2-Dichloropropane	50.9		"	50.0	0.00	102	38-130		0.394	31	
2-Butanone	40.3		"	50.0	0.00	80.7	40-160		39.3	30	Non-dir.
2-Chlorotoluene	65.9		"	50.0	0.00	132	14-144		1.30	49	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41602 - EPA 5035A											
Matrix Spike Dup (BI41602-M Matrix Spike Dup	*Source sample: 24I1448-01 (PE35_20.5)								Prepared & Analyzed: 09/25/2024		
2-Hexanone	69.7		ug/L	50.0	0.00	139	40-160		15.4	30	
4-Chlorotoluene	68.6		"	50.0	0.00	137	15-138		0.784	39	
4-Methyl-2-pentanone	70.6		"	50.0	0.00	141	40-160		8.81	30	
Acetone	43.0		"	50.0	13.5	59.0	40-160		5.31	30	
Acrolein	7.44		"	50.0	0.00	14.9	10-192		20.3	128	
Acrylonitrile	64.9		"	50.0	0.00	130	13-161		12.8	48	
Benzene	53.8		"	50.0	0.00	108	70-130		0.822	30	
Bromobenzene	72.0		"	50.0	0.00	144	23-142	High Bias	1.94	44	
Bromochloromethane	55.7		"	50.0	0.00	111	70-130		2.84	30	
Bromodichloromethane	66.5		"	50.0	0.00	133	70-130	High Bias	4.79	30	
Bromoform	63.8		"	50.0	0.00	128	70-130		6.31	30	
Bromomethane	52.6		"	50.0	0.00	105	40-160		4.35	30	
Carbon disulfide	55.4		"	50.0	1.72	107	40-160		10.5	30	
Carbon tetrachloride	50.8		"	50.0	0.00	102	70-130		2.67	30	
Chlorobenzene	62.2		"	50.0	0.00	124	70-130		0.305	30	
Chloroethane	47.0		"	50.0	0.00	94.1	40-160		0.0213	30	
Chloroform	54.6		"	50.0	0.00	109	70-130		1.22	30	
Chloromethane	43.8		"	50.0	0.00	87.6	40-160		1.31	30	
cis-1,2-Dichloroethylene	51.1		"	50.0	0.00	102	70-130		11.7	30	
cis-1,3-Dichloropropylene	65.2		"	50.0	0.00	130	70-130		1.89	30	
Cyclohexane	47.8		"	50.0	0.00	95.6	70-130		2.46	30	
Dibromochloromethane	64.0		"	50.0	0.00	128	70-130		7.37	30	
Dibromomethane	70.1		"	50.0	0.00	140	47-143		5.69	41	
Dichlorodifluoromethane	48.5		"	50.0	0.00	97.1	40-160		3.48	30	
Ethyl Benzene	64.2		"	50.0	0.00	128	70-130		1.79	30	
Hexachlorobutadiene	55.4		"	50.0	0.00	111	10-158		13.6	45	
Isopropylbenzene	69.6		"	50.0	0.00	139	70-130	High Bias	0.758	30	
Methyl acetate	58.0		"	50.0	0.00	116	70-130		22.4	30	
Methyl tert-butyl ether (MTBE)	57.1		"	50.0	0.00	114	70-130		3.17	30	
Methylcyclohexane	54.8		"	50.0	0.00	110	70-130		6.89	30	
Methylene chloride	53.2		"	50.0	7.43	91.5	70-130		2.14	30	
n-Butylbenzene	62.0		"	50.0	0.00	124	10-162		8.33	96	
n-Propylbenzene	67.6		"	50.0	0.00	135	10-155		1.86	56	
o-Xylene	63.0		"	50.0	0.00	126	70-130		1.78	30	
p- & m- Xylenes	124		"	100	0.00	124	70-130		0.443	30	
p-Isopropyltoluene	67.5		"	50.0	0.00	135	10-147		5.49	60	
sec-Butylbenzene	65.0		"	50.0	0.00	130	10-157		4.73	56	
Styrene	59.2		"	50.0	0.00	118	70-130		8.02	30	
tert-Butyl alcohol (TBA)	287		"	250	0.00	115	34-179		13.6	35	
tert-Butylbenzene	67.8		"	50.0	0.00	136	10-160		0.911	79	
Tetrachloroethylene	57.0		"	50.0	0.00	114	70-130		0.0351	30	
Toluene	63.9		"	50.0	0.00	128	70-130		1.34	30	
trans-1,2-Dichloroethylene	52.5		"	50.0	0.00	105	70-130		0.324	30	
trans-1,3-Dichloropropylene	67.7		"	50.0	0.00	135	70-130	High Bias	5.66	30	
Trichloroethylene	64.3		"	50.0	0.00	129	70-130		0.860	30	
Trichlorofluoromethane	50.2		"	50.0	0.00	100	40-160		2.48	30	
Vinyl Chloride	48.1		"	50.0	0.00	96.2	70-130		0.500	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*54.7*		*"*	*50.0*		*109*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.4*		*"*	*50.0*		*107*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41604 - EPA 5030B											
Blank (BI41604-BLK1) Blank									Prepared & Analyzed: 09/25/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41604 - EPA 5030B											
Blank (BI41604-BLK1) Blank								Prepared & Analyzed: 09/25/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.64*		*"*	*10.0*		*96.4*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.37*		*"*	*10.0*		*93.7*	*70-130*				
LCS (BI41604-BS1) LCS								Prepared & Analyzed: 09/25/2024			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126			30	
1,1,1-Trichloroethane	10.2		"	10.0		102	70-130			20	
1,1,2,2-Tetrachloroethane	9.66		"	10.0		96.6	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0		109	70-130			20	
1,1,2-Trichloroethane	9.29		"	10.0		92.9	70-130			20	
1,1-Dichloroethane	10.4		"	10.0		104	70-130			20	
1,1-Dichloroethylene	11.3		"	10.0		113	70-130			20	
1,1-Dichloropropylene	10.8		"	10.0		108	83-133			30	
1,2,3-Trichlorobenzene	8.12		"	10.0		81.2	70-130			20	
1,2,3-Trichloropropane	9.75		"	10.0		97.5	77-128			30	
1,2,4-Trichlorobenzene	8.60		"	10.0		86.0	70-130			20	
1,2,4-Trimethylbenzene	11.7		"	10.0		117	82-132			20	
1,2-Dibromo-3-chloropropane	7.83		"	10.0		78.3	40-160			20	
1,2-Dibromoethane	9.18		"	10.0		91.8	70-130			20	
1,2-Dichlorobenzene	10.4		"	10.0		104	70-130			20	
1,2-Dichloroethane	9.23		"	10.0		92.3	70-130			20	
1,2-Dichloropropane	10.8		"	10.0		108	70-130			20	
1,3,5-Trimethylbenzene	12.2		"	10.0		122	80-131			30	
1,3-Dichlorobenzene	10.7		"	10.0		107	70-130			20	
1,3-Dichloropropane	9.51		"	10.0		95.1	81-125			30	
1,4-Dichlorobenzene	10.4		"	10.0		104	70-130			20	
1,4-Dioxane	169		"	210		80.3	40-160			20	
2,2-Dichloropropane	10.7		"	10.0		107	56-150			30	
2-Butanone	5.62		"	10.0		56.2	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41604 - EPA 5030B											
LCS (BI41604-BS1) LCS								Prepared & Analyzed: 09/25/2024			
2-Chlorotoluene	11.8		ug/L	10.0		118	79-130			30	
2-Hexanone	7.51		"	10.0		75.1	40-160			20	
4-Chlorotoluene	11.8		"	10.0		118	79-128			30	
4-Methyl-2-pentanone	6.87		"	10.0		68.7	40-160			20	
Acetone	8.82		"	10.0		88.2	40-160			20	
Acrolein	1.39		"	10.0		13.9	10-153			30	
Acrylonitrile	8.18		"	10.0		81.8	51-150			30	
Benzene	10.9		"	10.0		109	70-130			20	
Bromobenzene	10.9		"	10.0		109	78-129			30	
Bromochloromethane	9.42		"	10.0		94.2	70-130			20	
Bromodichloromethane	9.84		"	10.0		98.4	70-130			20	
Bromoform	5.56		"	10.0		55.6	70-130	Low Bias		20	
Bromomethane	9.86		"	10.0		98.6	40-160			20	
Carbon disulfide	10.5		"	10.0		105	40-160			20	
Carbon tetrachloride	10.4		"	10.0		104	70-130			20	
Chlorobenzene	10.6		"	10.0		106	70-130			20	
Chloroethane	10.8		"	10.0		108	40-160			20	
Chloroform	10.2		"	10.0		102	70-130			20	
Chloromethane	10.6		"	10.0		106	40-160			20	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	70-130			20	
cis-1,3-Dichloropropylene	9.58		"	10.0		95.8	70-130			20	
Cyclohexane	5.26		"	10.0		52.6	70-130	Low Bias		20	
Dibromochloromethane	7.19		"	10.0		71.9	70-130			20	
Dibromomethane	8.98		"	10.0		89.8	72-134			30	
Dichlorodifluoromethane	11.4		"	10.0		114	40-160			20	
Ethyl Benzene	11.8		"	10.0		118	70-130			20	
Hexachlorobutadiene	9.42		"	10.0		94.2	67-146			30	
Isopropylbenzene	12.6		"	10.0		126	70-130			20	
Methyl acetate	7.68		"	10.0		76.8	70-130			20	
Methyl tert-butyl ether (MTBE)	8.34		"	10.0		83.4	70-130			20	
Methylcyclohexane	10.7		"	10.0		107	70-130			20	
Methylene chloride	9.88		"	10.0		98.8	70-130			20	
n-Butylbenzene	11.3		"	10.0		113	79-132			30	
n-Propylbenzene	12.5		"	10.0		125	78-133			30	
o-Xylene	11.1		"	10.0		111	70-130			20	
p- & m- Xylenes	23.4		"	20.0		117	70-130			20	
p-Isopropyltoluene	12.1		"	10.0		121	81-136			30	
sec-Butylbenzene	12.0		"	10.0		120	79-137			30	
Styrene	11.3		"	10.0		113	70-130			20	
tert-Butyl alcohol (TBA)	27.1		"	50.0		54.1	25-162			30	
tert-Butylbenzene	10.8		"	10.0		108	77-138			30	
Tetrachloroethylene	11.0		"	10.0		110	70-130			20	
Toluene	11.3		"	10.0		113	70-130			20	
trans-1,2-Dichloroethylene	10.9		"	10.0		109	70-130			20	
trans-1,3-Dichloropropylene	9.07		"	10.0		90.7	70-130			20	
Trichloroethylene	11.0		"	10.0		110	70-130			20	
Trichlorofluoromethane	10.8		"	10.0		108	40-160			20	
Vinyl Chloride	10.7		"	10.0		107	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.65*		*"*	*10.0*		*86.5*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.89*		*"*	*10.0*		*98.9*	*70-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41604 - EPA 5030B											
LCS (BI41604-BS1) LCS								Prepared & Analyzed: 09/25/2024			
LCS Dup (BI41604-BSD1) LCS Dup								Prepared & Analyzed: 09/25/2024			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126		0.581	30	
1,1,1-Trichloroethane	9.76		"	10.0		97.6	70-130		4.80	20	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	70-130		5.63	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	70-130		5.28	20	
1,1,2-Trichloroethane	9.95		"	10.0		99.5	70-130		6.86	20	
1,1-Dichloroethane	10.0		"	10.0		100	70-130		4.21	20	
1,1-Dichloroethylene	10.6		"	10.0		106	70-130		6.38	20	
1,1-Dichloropropylene	10.2		"	10.0		102	83-133		5.13	30	
1,2,3-Trichlorobenzene	8.79		"	10.0		87.9	70-130		7.92	20	
1,2,3-Trichloropropane	9.89		"	10.0		98.9	77-128		1.43	30	
1,2,4-Trichlorobenzene	8.86		"	10.0		88.6	70-130		2.98	20	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		9.43	20	
1,2-Dibromo-3-chloropropane	8.15		"	10.0		81.5	40-160		4.01	20	
1,2-Dibromoethane	9.77		"	10.0		97.7	70-130		6.23	20	
1,2-Dichlorobenzene	10.1		"	10.0		101	70-130		2.73	20	
1,2-Dichloroethane	9.87		"	10.0		98.7	70-130		6.70	20	
1,2-Dichloropropane	10.7		"	10.0		107	70-130		0.465	20	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131		11.9	30	
1,3-Dichlorobenzene	10.1		"	10.0		101	70-130		5.38	20	
1,3-Dichloropropane	10.1		"	10.0		101	81-125		5.92	30	
1,4-Dichlorobenzene	9.92		"	10.0		99.2	70-130		4.24	20	
1,4-Dioxane	194		"	210		92.2	40-160		13.7	20	
2,2-Dichloropropane	10.1		"	10.0		101	56-150		5.37	30	
2-Butanone	10.1		"	10.0		101	40-160		56.7	20	Non-dir.
2-Chlorotoluene	10.5		"	10.0		105	79-130		11.8	30	
2-Hexanone	9.16		"	10.0		91.6	40-160		19.8	20	
4-Chlorotoluene	10.7		"	10.0		107	79-128		9.75	30	
4-Methyl-2-pentanone	8.53		"	10.0		85.3	40-160		21.6	20	Non-dir.
Acetone	9.75		"	10.0		97.5	40-160		10.0	20	
Acrolein	1.55		"	10.0		15.5	10-153		10.9	30	
Acrylonitrile	9.82		"	10.0		98.2	51-150		18.2	30	
Benzene	10.6		"	10.0		106	70-130		2.42	20	
Bromobenzene	10.4		"	10.0		104	78-129		5.45	30	
Bromochloromethane	9.94		"	10.0		99.4	70-130		5.37	20	
Bromodichloromethane	9.81		"	10.0		98.1	70-130		0.305	20	
Bromoform	6.40		"	10.0		64.0	70-130	Low Bias	14.0	20	
Bromomethane	9.54		"	10.0		95.4	40-160		3.30	20	
Carbon disulfide	10.0		"	10.0		100	40-160		4.49	20	
Carbon tetrachloride	9.74		"	10.0		97.4	70-130		6.36	20	
Chlorobenzene	10.3		"	10.0		103	70-130		3.45	20	
Chloroethane	9.95		"	10.0		99.5	40-160		7.73	20	
Chloroform	9.92		"	10.0		99.2	70-130		2.29	20	
Chloromethane	9.98		"	10.0		99.8	40-160		6.31	20	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	70-130		3.00	20	
cis-1,3-Dichloropropylene	9.72		"	10.0		97.2	70-130		1.45	20	
Cyclohexane	5.00		"	10.0		50.0	70-130	Low Bias	5.07	20	
Dibromochloromethane	7.91		"	10.0		79.1	70-130		9.54	20	
Dibromomethane	9.44		"	10.0		94.4	72-134		4.99	30	
Dichlorodifluoromethane	10.4		"	10.0		104	40-160		8.44	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41604 - EPA 5030B											
LCS Dup (BI41604-BSD1) LCS Dup							Prepared & Analyzed: 09/25/2024				
Ethyl Benzene	11.1		ug/L	10.0		111	70-130		6.46	20	
Hexachlorobutadiene	8.58		"	10.0		85.8	67-146		9.33	30	
Isopropylbenzene	11.0		"	10.0		110	70-130		13.3	20	
Methyl acetate	8.60		"	10.0		86.0	70-130		11.3	20	
Methyl tert-butyl ether (MTBE)	9.74		"	10.0		97.4	70-130		15.5	20	
Methylcyclohexane	9.87		"	10.0		98.7	70-130		7.98	20	
Methylene chloride	9.97		"	10.0		99.7	70-130		0.907	20	
n-Butylbenzene	10.3		"	10.0		103	79-132		8.96	30	
n-Propylbenzene	10.8		"	10.0		108	78-133		13.9	30	
o-Xylene	10.7		"	10.0		107	70-130		3.77	20	
p- & m- Xylenes	22.0		"	20.0		110	70-130		5.73	20	
p-Isopropyltoluene	10.9		"	10.0		109	81-136		10.5	30	
sec-Butylbenzene	10.5		"	10.0		105	79-137		13.0	30	
Styrene	11.3		"	10.0		113	70-130		0.177	20	
tert-Butyl alcohol (TBA)	37.4		"	50.0		74.8	25-162		32.1	30	Non-dir.
tert-Butylbenzene	9.50		"	10.0		95.0	77-138		12.4	30	
Tetrachloroethylene	10.1		"	10.0		101	70-130		8.42	20	
Toluene	10.5		"	10.0		105	70-130		6.96	20	
trans-1,2-Dichloroethylene	10.3		"	10.0		103	70-130		5.28	20	
trans-1,3-Dichloropropylene	9.51		"	10.0		95.1	70-130		4.74	20	
Trichloroethylene	10.3		"	10.0		103	70-130		6.64	20	
Trichlorofluoromethane	10.0		"	10.0		100	40-160		7.02	20	
Vinyl Chloride	10.1		"	10.0		101	70-130		5.76	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.40*		*"*	*10.0*		*94.0*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.59*		*"*	*10.0*		*95.9*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41605 - EPA 5030B											
Blank (BI41605-BLK1) Blank									Prepared & Analyzed: 09/26/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41605 - EPA 5030B											
Blank (BI41605-BLK1) Blank								Prepared & Analyzed: 09/26/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.59*		*"*	*10.0*		*95.9*	*70-130*				
LCS (BI41605-BS1) LCS								Prepared & Analyzed: 09/26/2024			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126			30	
1,1,1-Trichloroethane	10.2		"	10.0		102	70-130			20	
1,1,2,2-Tetrachloroethane	9.86		"	10.0		98.6	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	70-130			20	
1,1,2-Trichloroethane	9.40		"	10.0		94.0	70-130			20	
1,1-Dichloroethane	10.3		"	10.0		103	70-130			20	
1,1-Dichloroethylene	11.2		"	10.0		112	70-130			20	
1,1-Dichloropropylene	10.8		"	10.0		108	83-133			30	
1,2,3-Trichlorobenzene	8.21		"	10.0		82.1	70-130			20	
1,2,3-Trichloropropane	9.86		"	10.0		98.6	77-128			30	
1,2,4-Trichlorobenzene	8.91		"	10.0		89.1	70-130			20	
1,2,4-Trimethylbenzene	11.6		"	10.0		116	82-132			20	
1,2-Dibromo-3-chloropropane	5.42		"	10.0		54.2	40-160			20	
1,2-Dibromoethane	9.27		"	10.0		92.7	70-130			20	
1,2-Dichlorobenzene	10.6		"	10.0		106	70-130			20	
1,2-Dichloroethane	9.27		"	10.0		92.7	70-130			20	
1,2-Dichloropropane	11.0		"	10.0		110	70-130			20	
1,3,5-Trimethylbenzene	12.3		"	10.0		123	80-131			30	
1,3-Dichlorobenzene	10.9		"	10.0		109	70-130			20	
1,3-Dichloropropane	9.45		"	10.0		94.5	81-125			30	
1,4-Dichlorobenzene	10.6		"	10.0		106	70-130			20	
1,4-Dioxane	166		"	210		78.8	40-160			20	
2,2-Dichloropropane	10.8		"	10.0		108	56-150			30	
2-Butanone	5.71		"	10.0		57.1	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41605 - EPA 5030B											
LCS (BI41605-BS1) LCS								Prepared & Analyzed: 09/26/2024			
2-Chlorotoluene	12.1		ug/L	10.0		121	79-130			30	
2-Hexanone	7.51		"	10.0		75.1	40-160			20	
4-Chlorotoluene	12.0		"	10.0		120	79-128			30	
4-Methyl-2-pentanone	7.03		"	10.0		70.3	40-160			20	
Acetone	8.64		"	10.0		86.4	40-160			20	
Acrolein	1.43		"	10.0		14.3	10-153			30	
Acrylonitrile	8.34		"	10.0		83.4	51-150			30	
Benzene	10.7		"	10.0		107	70-130			20	
Bromobenzene	11.0		"	10.0		110	78-129			30	
Bromochloromethane	9.37		"	10.0		93.7	70-130			20	
Bromodichloromethane	10.2		"	10.0		102	70-130			20	
Bromoform	6.07		"	10.0		60.7	70-130	Low Bias		20	
Bromomethane	9.59		"	10.0		95.9	40-160			20	
Carbon disulfide	10.4		"	10.0		104	40-160			20	
Carbon tetrachloride	10.4		"	10.0		104	70-130			20	
Chlorobenzene	10.6		"	10.0		106	70-130			20	
Chloroethane	10.3		"	10.0		103	40-160			20	
Chloroform	10.0		"	10.0		100	70-130			20	
Chloromethane	9.79		"	10.0		97.9	40-160			20	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	70-130			20	
cis-1,3-Dichloropropylene	9.90		"	10.0		99.0	70-130			20	
Cyclohexane	5.10		"	10.0		51.0	70-130	Low Bias		20	
Dibromochloromethane	7.71		"	10.0		77.1	70-130			20	
Dibromomethane	9.01		"	10.0		90.1	72-134			30	
Dichlorodifluoromethane	9.88		"	10.0		98.8	40-160			20	
Ethyl Benzene	11.9		"	10.0		119	70-130			20	
Hexachlorobutadiene	9.21		"	10.0		92.1	67-146			30	
Isopropylbenzene	12.8		"	10.0		128	70-130			20	
Methyl acetate	7.50		"	10.0		75.0	70-130			20	
Methyl tert-butyl ether (MTBE)	8.30		"	10.0		83.0	70-130			20	
Methylcyclohexane	10.6		"	10.0		106	70-130			20	
Methylene chloride	9.81		"	10.0		98.1	70-130			20	
n-Butylbenzene	11.5		"	10.0		115	79-132			30	
n-Propylbenzene	12.8		"	10.0		128	78-133			30	
o-Xylene	11.1		"	10.0		111	70-130			20	
p- & m- Xylenes	23.3		"	20.0		116	70-130			20	
p-Isopropyltoluene	12.3		"	10.0		123	81-136			30	
sec-Butylbenzene	12.1		"	10.0		121	79-137			30	
Styrene	11.4		"	10.0		114	70-130			20	
tert-Butyl alcohol (TBA)	26.8		"	50.0		53.6	25-162			30	
tert-Butylbenzene	10.9		"	10.0		109	77-138			30	
Tetrachloroethylene	10.9		"	10.0		109	70-130			20	
Toluene	11.3		"	10.0		113	70-130			20	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	70-130			20	
trans-1,3-Dichloropropylene	9.31		"	10.0		93.1	70-130			20	
Trichloroethylene	11.1		"	10.0		111	70-130			20	
Trichlorofluoromethane	10.5		"	10.0		105	40-160			20	
Vinyl Chloride	10.0		"	10.0		100	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.54*		*"*	*10.0*		*85.4*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41605 - EPA 5030B											
LCS (BI41605-BS1) LCS								Prepared & Analyzed: 09/26/2024			
LCS Dup (BI41605-BSD1) LCS Dup								Prepared & Analyzed: 09/26/2024			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126		0.567	30	
1,1,1-Trichloroethane	9.73		"	10.0		97.3	70-130		4.32	20	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	70-130		2.90	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	70-130		6.38	20	
1,1,2-Trichloroethane	10.0		"	10.0		100	70-130		6.39	20	
1,1-Dichloroethane	9.85		"	10.0		98.5	70-130		4.08	20	
1,1-Dichloroethylene	10.4		"	10.0		104	70-130		7.70	20	
1,1-Dichloropropylene	10.1		"	10.0		101	83-133		6.33	30	
1,2,3-Trichlorobenzene	8.82		"	10.0		88.2	70-130		7.16	20	
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128		1.51	30	
1,2,4-Trichlorobenzene	8.88		"	10.0		88.8	70-130		0.337	20	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132		11.7	20	
1,2-Dibromo-3-chloropropane	9.01		"	10.0		90.1	40-160		49.8	20	Non-dir.
1,2-Dibromoethane	9.85		"	10.0		98.5	70-130		6.07	20	
1,2-Dichlorobenzene	9.95		"	10.0		99.5	70-130		5.95	20	
1,2-Dichloroethane	9.92		"	10.0		99.2	70-130		6.77	20	
1,2-Dichloropropane	10.4		"	10.0		104	70-130		5.43	20	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131		14.6	30	
1,3-Dichlorobenzene	9.98		"	10.0		99.8	70-130		9.18	20	
1,3-Dichloropropane	10.1		"	10.0		101	81-125		6.55	30	
1,4-Dichlorobenzene	9.62		"	10.0		96.2	70-130		9.41	20	
1,4-Dioxane	176		"	210		84.0	40-160		6.38	20	
2,2-Dichloropropane	10.2		"	10.0		102	56-150		5.81	30	
2-Butanone	10.7		"	10.0		107	40-160		60.6	20	Non-dir.
2-Chlorotoluene	10.4		"	10.0		104	79-130		15.1	30	
2-Hexanone	9.43		"	10.0		94.3	40-160		22.7	20	Non-dir.
4-Chlorotoluene	10.5		"	10.0		105	79-128		13.5	30	
4-Methyl-2-pentanone	8.59		"	10.0		85.9	40-160		20.0	20	
Acetone	9.87		"	10.0		98.7	40-160		13.3	20	
Acrolein	1.70		"	10.0		17.0	10-153		17.3	30	
Acrylonitrile	9.97		"	10.0		99.7	51-150		17.8	30	
Benzene	10.3		"	10.0		103	70-130		3.80	20	
Bromobenzene	10.2		"	10.0		102	78-129		7.63	30	
Bromochloromethane	10.1		"	10.0		101	70-130		7.60	20	
Bromodichloromethane	10.0		"	10.0		100	70-130		2.37	20	
Bromoform	6.96		"	10.0		69.6	70-130	Low Bias	13.7	20	
Bromomethane	9.10		"	10.0		91.0	40-160		5.24	20	
Carbon disulfide	9.91		"	10.0		99.1	40-160		5.21	20	
Carbon tetrachloride	9.91		"	10.0		99.1	70-130		5.21	20	
Chlorobenzene	10.2		"	10.0		102	70-130		3.66	20	
Chloroethane	9.54		"	10.0		95.4	40-160		7.27	20	
Chloroform	9.97		"	10.0		99.7	70-130		0.400	20	
Chloromethane	9.21		"	10.0		92.1	40-160		6.11	20	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	70-130		2.42	20	
cis-1,3-Dichloropropylene	9.86		"	10.0		98.6	70-130		0.405	20	
Cyclohexane	4.82		"	10.0		48.2	70-130	Low Bias	5.65	20	
Dibromochloromethane	8.24		"	10.0		82.4	70-130		6.65	20	
Dibromomethane	9.61		"	10.0		96.1	72-134		6.44	30	
Dichlorodifluoromethane	9.28		"	10.0		92.8	40-160		6.26	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41605 - EPA 5030B											
LCS Dup (BI41605-BSD1) LCS Dup							Prepared & Analyzed: 09/26/2024				
Ethyl Benzene	10.9		ug/L	10.0		109	70-130		9.39	20	
Hexachlorobutadiene	8.29		"	10.0		82.9	67-146		10.5	30	
Isopropylbenzene	10.6		"	10.0		106	70-130		18.4	20	
Methyl acetate	8.89		"	10.0		88.9	70-130		17.0	20	
Methyl tert-butyl ether (MTBE)	9.95		"	10.0		99.5	70-130		18.1	20	
Methylcyclohexane	9.60		"	10.0		96.0	70-130		9.71	20	
Methylene chloride	9.84		"	10.0		98.4	70-130		0.305	20	
n-Butylbenzene	10.1		"	10.0		101	79-132		13.0	30	
n-Propylbenzene	10.6		"	10.0		106	78-133		18.2	30	
o-Xylene	10.6		"	10.0		106	70-130		4.80	20	
p- & m- Xylenes	21.5		"	20.0		108	70-130		7.86	20	
p-Isopropyltoluene	10.6		"	10.0		106	81-136		14.2	30	
sec-Butylbenzene	10.2		"	10.0		102	79-137		16.3	30	
Styrene	11.1		"	10.0		111	70-130		2.57	20	
tert-Butyl alcohol (TBA)	38.9		"	50.0		77.7	25-162		36.8	30	Non-dir.
tert-Butylbenzene	9.20		"	10.0		92.0	77-138		16.6	30	
Tetrachloroethylene	9.73		"	10.0		97.3	70-130		11.3	20	
Toluene	10.4		"	10.0		104	70-130		8.22	20	
trans-1,2-Dichloroethylene	10.1		"	10.0		101	70-130		5.39	20	
trans-1,3-Dichloropropylene	9.82		"	10.0		98.2	70-130		5.33	20	
Trichloroethylene	9.95		"	10.0		99.5	70-130		10.7	20	
Trichlorofluoromethane	9.72		"	10.0		97.2	40-160		7.91	20	
Vinyl Chloride	9.32		"	10.0		93.2	70-130		7.34	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.80*		*"*	*10.0*		*98.0*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.75*		*"*	*10.0*		*97.5*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI41656 - EPA 3550C

Blank (BI41656-BLK1) Blank — Prepared & Analyzed: 09/26/2024

1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	0.0555	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41656 - EPA 3550C											
Blank (BI41656-BLK1) Blank									Prepared & Analyzed: 09/26/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.16*		"	*1.66*		*69.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.15*		"	*1.66*		*69.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.641*		"	*0.831*		*77.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.697*		"	*0.831*		*84.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.60*		"	*1.66*		*96.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.792*		"	*0.831*		*95.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41656 - EPA 3550C											
LCS (BI41656-BS1) LCS								Prepared & Analyzed: 09/26/2024			
1,1-Biphenyl	0.958	0.0416	mg/kg wet	0.831		115	18-111	High Bias			
1,2,4,5-Tetrachlorobenzene	0.921	0.0830	"	0.831		111	21-131				
1,2,4-Trichlorobenzene	0.937	0.0416	"	1.25		75.2	10-140				
1,2-Dichlorobenzene	0.895	0.0416	"	1.25		71.8	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.802	0.0416	"	1.25		64.4	17-137				
1,3-Dichlorobenzene	0.863	0.0416	"	1.25		69.3	33-110				
1,4-Dichlorobenzene	0.924	0.0416	"	1.25		74.2	32-104				
2,3,4,6-Tetrachlorophenol	1.08	0.0830	"	1.25		86.7	30-130				
2,4,5-Trichlorophenol	0.959	0.0416	"	1.25		77.0	27-118				
2,4,6-Trichlorophenol	1.08	0.0416	"	1.25		86.3	31-120				
2,4-Dichlorophenol	0.977	0.0416	"	1.25		78.5	20-127				
2,4-Dimethylphenol	0.902	0.0416	"	1.25		72.4	14-132				
2,4-Dinitrophenol	0.306	0.0830	"	1.25		24.6	10-171				
2,4-Dinitrotoluene	0.995	0.0416	"	1.25		79.8	34-131				
2,6-Dinitrotoluene	1.00	0.0416	"	1.25		80.4	31-128				
2-Chloronaphthalene	0.931	0.0416	"	1.25		74.7	31-117				
2-Chlorophenol	0.908	0.0416	"	1.25		72.9	33-113				
2-Methylnaphthalene	0.813	0.0416	"	1.25		65.3	12-138				
2-Methylphenol	0.934	0.0416	"	1.25		74.9	10-136				
2-Nitroaniline	0.997	0.0830	"	1.25		80.0	27-132				
2-Nitrophenol	0.973	0.0416	"	1.25		78.1	17-129				
3- & 4-Methylphenols	0.830	0.0416	"	1.25		66.6	29-103				
3,3-Dichlorobenzidine	1.65	0.0416	"	0.831		198	22-149	High Bias			
3-Nitroaniline	0.997	0.0830	"	1.25		80.0	20-133				
4,6-Dinitro-2-methylphenol	0.341	0.0830	"	1.25		27.4	10-143				
4-Bromophenyl phenyl ether	0.925	0.0416	"	1.25		74.2	29-120				
4-Chloro-3-methylphenol	0.889	0.0416	"	1.25		71.4	24-129				
4-Chloroaniline	0.737	0.0416	"	1.25		59.1	10-132				
4-Chlorophenyl phenyl ether	0.941	0.0416	"	1.25		75.5	27-124				
4-Nitroaniline	0.876	0.0830	"	1.25		70.3	16-128				
4-Nitrophenol	0.843	0.0830	"	1.25		67.6	10-141				
Acenaphthene	0.886	0.0416	"	1.25		71.1	30-121				
Acenaphthylene	0.887	0.0416	"	1.25		71.2	30-115				
Acetophenone	0.888	0.0416	"	0.831		107	20-112				
Aniline	0.891	0.166	"	1.25		71.5	10-119				
Anthracene	0.964	0.0416	"	1.25		77.4	34-118				
Atrazine	0.957	0.0416	"	0.831		115	26-112	High Bias			
Benzaldehyde	0.816	0.0416	"	0.831		98.2	21-100				
Benzo(a)anthracene	0.938	0.0416	"	1.25		75.3	32-122				
Benzo(a)pyrene	0.906	0.0416	"	1.25		72.7	29-133				
Benzo(b)fluoranthene	0.938	0.0416	"	1.25		75.3	25-133				
Benzo(g,h,i)perylene	0.966	0.0416	"	1.25		77.6	10-143				
Benzo(k)fluoranthene	0.902	0.0416	"	1.25		72.4	25-128				
Benzoic acid	0.626	0.0416	"	0.831		75.4	10-140				
Benzyl alcohol	0.881	0.0416	"	1.25		70.7	30-115				
Benzyl butyl phthalate	0.918	0.0416	"	1.25		73.7	26-126				
Bis(2-chloroethoxy)methane	0.829	0.0416	"	1.25		66.5	19-132				
Bis(2-chloroethyl)ether	0.824	0.0416	"	1.25		66.2	19-125				
Bis(2-chloroisopropyl)ether	0.743	0.0416	"	1.25		59.6	20-135				
Bis(2-ethylhexyl)phthalate	0.920	0.0416	"	1.25		73.9	10-155				
Caprolactam	1.02	0.0830	"	0.831		123	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41656 - EPA 3550C											
LCS (BI41656-BS1) LCS							Prepared & Analyzed: 09/26/2024				
Carbazole	0.872	0.0416	mg/kg wet	1.25		70.0	35-123				
Chrysene	0.958	0.0416	"	1.25		76.9	32-123				
Dibenzo(a,h)anthracene	0.975	0.0416	"	1.25		78.3	10-136				
Dibenzofuran	0.934	0.0416	"	1.25		75.0	29-121				
Diethyl phthalate	0.891	0.0416	"	1.25		71.5	34-116				
Dimethyl phthalate	0.927	0.0416	"	1.25		74.4	35-124				
Di-n-butyl phthalate	0.871	0.0416	"	1.25		69.9	31-116				
Di-n-octyl phthalate	0.898	0.0416	"	1.25		72.1	26-136				
Fluoranthene	0.906	0.0416	"	1.25		72.7	33-122				
Fluorene	0.915	0.0416	"	1.25		73.4	29-123				
Hexachlorobenzene	0.837	0.0416	"	1.25		67.1	21-124				
Hexachlorobutadiene	0.911	0.0416	"	1.25		73.1	10-149				
Hexachlorocyclopentadiene	0.463	0.0416	"	1.25		37.1	10-129				
Hexachloroethane	0.834	0.0416	"	1.25		66.9	28-108				
Indeno(1,2,3-cd)pyrene	0.992	0.0416	"	1.25		79.7	10-135				
Isophorone	0.825	0.0416	"	1.25		66.2	20-132				
Naphthalene	0.873	0.0416	"	1.25		70.1	23-124				
Nitrobenzene	0.819	0.0416	"	1.25		65.7	13-132				
N-Nitrosodimethylamine	0.709	0.0416	"	1.25		56.9	11-129				
N-nitroso-di-n-propylamine	0.794	0.0416	"	1.25		63.7	24-119				
N-Nitrosodiphenylamine	1.03	0.0416	"	1.25		82.9	22-152				
Pentachlorophenol	1.27	0.0416	"	1.25		102	10-139				
Phenanthrene	0.934	0.0416	"	1.25		75.0	33-123				
Phenol	0.861	0.0416	"	1.25		69.1	23-115				
Pyrene	1.07	0.0416	"	1.25		85.9	24-130				
Pyridine	0.598	0.166	"	1.25		48.0	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.60*		*"*	*1.66*		*96.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.56*		*"*	*1.66*		*93.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.842*		*"*	*0.831*		*101*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.949*		*"*	*0.831*		*114*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.22*		*"*	*1.66*		*133*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*1.07*		*"*	*0.831*		*129*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41656 - EPA 3550C											
Matrix Spike (BI41656-MS1) Matrix Spike *Source sample: 24I1448-01 (PE35_20.5)								Prepared & Analyzed: 09/26/2024			
1,1-Biphenyl	0.614	0.0932	mg/kg dry	0.931	ND	66.0	10-130				
1,2,4,5-Tetrachlorobenzene	0.575	0.186	"	0.931	ND	61.8	10-133				
1,2,4-Trichlorobenzene	0.629	0.0932	"	1.40	ND	45.1	10-127				
1,2-Dichlorobenzene	0.536	0.0932	"	1.40	ND	38.4	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.497	0.0932	"	1.40	ND	35.6	10-144				
1,3-Dichlorobenzene	0.517	0.0932	"	1.40	ND	37.0	11-111				
1,4-Dichlorobenzene	0.553	0.0932	"	1.40	ND	39.6	10-106				
2,3,4,6-Tetrachlorophenol	0.705	0.186	"	1.40	ND	50.5	30-130				
2,4,5-Trichlorophenol	0.598	0.0932	"	1.40	ND	42.8	10-127				
2,4,6-Trichlorophenol	0.668	0.0932	"	1.40	ND	47.8	10-132				
2,4-Dichlorophenol	0.652	0.0932	"	1.40	ND	46.7	10-128				
2,4-Dimethylphenol	0.585	0.0932	"	1.40	ND	41.9	10-137				
2,4-Dinitrophenol	0.115	0.186	"	1.40	ND	8.21	10-171	Low Bias			
2,4-Dinitrotoluene	0.603	0.0932	"	1.40	ND	43.1	16-135				
2,6-Dinitrotoluene	0.599	0.0932	"	1.40	ND	42.9	18-131				
2-Chloronaphthalene	0.600	0.0932	"	1.40	ND	43.0	10-129				
2-Chlorophenol	0.561	0.0932	"	1.40	ND	40.2	15-116				
2-Methylnaphthalene	0.562	0.0932	"	1.40	ND	40.2	10-147				
2-Methylphenol	0.594	0.0932	"	1.40	ND	42.5	10-136				
2-Nitroaniline	0.600	0.186	"	1.40	ND	42.9	10-137				
2-Nitrophenol	0.576	0.0932	"	1.40	ND	41.2	10-129				
3- & 4-Methylphenols	0.518	0.0932	"	1.40	ND	37.1	10-123				
3,3-Dichlorobenzidine	1.04	0.0932	"	0.931	ND	112	10-155				
3-Nitroaniline	0.600	0.186	"	1.40	ND	42.9	12-133				
4,6-Dinitro-2-methylphenol	0.122	0.186	"	1.40	ND	8.75	10-155	Low Bias			
4-Bromophenyl phenyl ether	0.582	0.0932	"	1.40	ND	41.7	14-128				
4-Chloro-3-methylphenol	0.602	0.0932	"	1.40	ND	43.1	10-134				
4-Chloroaniline	0.497	0.0932	"	1.40	ND	35.6	10-145				
4-Chlorophenyl phenyl ether	0.591	0.0932	"	1.40	ND	42.3	14-130				
4-Nitroaniline	0.580	0.186	"	1.40	ND	41.5	10-147				
4-Nitrophenol	0.570	0.186	"	1.40	ND	40.8	10-137				
Acenaphthene	0.555	0.0932	"	1.40	ND	39.7	10-146				
Acenaphthylene	0.592	0.0932	"	1.40	ND	42.4	10-134				
Acetophenone	0.576	0.0932	"	0.931	ND	61.9	10-116				
Aniline	0.561	0.373	"	1.40	ND	40.2	10-123				
Anthracene	0.626	0.0932	"	1.40	ND	44.9	10-142				
Atrazine	0.589	0.0932	"	0.931	ND	63.3	19-115				
Benzaldehyde	0.517	0.0932	"	0.931	ND	55.5	10-125				
Benzo(a)anthracene	0.605	0.0932	"	1.40	ND	43.3	10-158				
Benzo(a)pyrene	0.580	0.0932	"	1.40	ND	41.5	10-180				
Benzo(b)fluoranthene	0.614	0.0932	"	1.40	ND	44.0	10-200				
Benzo(g,h,i)perylene	0.575	0.0932	"	1.40	ND	41.2	10-138				
Benzo(k)fluoranthene	0.588	0.0932	"	1.40	ND	42.1	10-197				
Benzoic acid	0.344	0.0932	"	0.931	ND	37.0	10-166				
Benzyl alcohol	0.547	0.0932	"	1.40	ND	39.1	12-124				
Benzyl butyl phthalate	0.599	0.0932	"	1.40	ND	42.9	10-154				
Bis(2-chloroethoxy)methane	0.556	0.0932	"	1.40	ND	39.8	10-132				
Bis(2-chloroethyl)ether	0.509	0.0932	"	1.40	ND	36.4	10-119				
Bis(2-chloroisopropyl)ether	0.445	0.0932	"	1.40	ND	31.8	10-139				
Bis(2-ethylhexyl)phthalate	0.592	0.0932	"	1.40	ND	42.4	10-167				
Caprolactam	0.690	0.186	"	0.931	ND	74.1	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41656 - EPA 3550C											
Matrix Spike (BI41656-MS1) Matrix Spike *Source sample: 24I1448-01 (PE35_20.5)								Prepared & Analyzed: 09/26/2024			
Carbazole	0.600	0.0932	mg/kg dry	1.40	ND	43.0	10-167				
Chrysene	0.608	0.0932	"	1.40	ND	43.6	10-156				
Dibenzo(a,h)anthracene	0.572	0.0932	"	1.40	ND	41.0	10-137				
Dibenzofuran	0.609	0.0932	"	1.40	ND	43.6	10-147				
Diethyl phthalate	0.570	0.0932	"	1.40	ND	40.9	20-120				
Dimethyl phthalate	0.580	0.0932	"	1.40	ND	41.5	18-131				
Di-n-butyl phthalate	0.574	0.0932	"	1.40	ND	41.1	10-137				
Di-n-octyl phthalate	0.582	0.0932	"	1.40	ND	41.7	10-180				
Fluoranthene	0.594	0.0932	"	1.40	ND	42.5	10-160				
Fluorene	0.603	0.0932	"	1.40	ND	43.1	10-157				
Hexachlorobenzene	0.551	0.0932	"	1.40	ND	39.5	10-137				
Hexachlorobutadiene	0.598	0.0932	"	1.40	ND	42.8	10-132				
Hexachlorocyclopentadiene	0.194	0.0932	"	1.40	ND	13.9	10-106				
Hexachloroethane	0.510	0.0932	"	1.40	ND	36.5	10-110				
Indeno(1,2,3-cd)pyrene	0.586	0.0932	"	1.40	ND	42.0	10-144				
Isophorone	0.555	0.0932	"	1.40	ND	39.7	10-132				
Naphthalene	0.591	0.0932	"	1.40	ND	42.3	10-141				
Nitrobenzene	0.538	0.0932	"	1.40	ND	38.5	10-131				
N-Nitrosodimethylamine	0.436	0.0932	"	1.40	ND	31.2	10-126				
N-nitroso-di-n-propylamine	0.500	0.0932	"	1.40	ND	35.8	10-125				
N-Nitrosodiphenylamine	0.635	0.0932	"	1.40	ND	45.4	10-177				
Pentachlorophenol	0.808	0.0932	"	1.40	ND	57.9	10-153				
Phenanthrene	0.618	0.0932	"	1.40	ND	44.3	10-148				
Phenol	0.550	0.0932	"	1.40	ND	39.4	10-126				
Pyrene	0.719	0.0932	"	1.40	ND	51.5	10-165				
Pyridine	0.357	0.373	"	1.40	ND	25.6	10-83				
Surrogate: SURR: 2-Fluorophenol	*0.957*		*"*	*1.86*		*51.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.977*		*"*	*1.86*		*52.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.562*		*"*	*0.931*		*60.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.590*		*"*	*0.931*		*63.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.38*		*"*	*1.86*		*74.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.703*		*"*	*0.931*		*75.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41656 - EPA 3550C											
Matrix Spike Dup (BI41656-M Matrix Spike Dup	*Source sample: 24I1448-01 (PE35_20.5)								Prepared & Analyzed: 09/26/2024		
1,1-Biphenyl	0.739	0.0932	mg/kg dry	0.931	ND	79.4	10-130		18.4	30	
1,2,4,5-Tetrachlorobenzene	0.705	0.186	"	0.931	ND	75.8	10-133		20.4	30	
1,2,4-Trichlorobenzene	0.760	0.0932	"	1.40	ND	54.5	10-127		18.9	30	
1,2-Dichlorobenzene	0.669	0.0932	"	1.40	ND	47.9	14-111		22.0	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.614	0.0932	"	1.40	ND	43.9	10-144		20.9	30	
1,3-Dichlorobenzene	0.645	0.0932	"	1.40	ND	46.2	11-111		22.1	30	
1,4-Dichlorobenzene	0.665	0.0932	"	1.40	ND	47.6	10-106		18.3	30	
2,3,4,6-Tetrachlorophenol	0.926	0.186	"	1.40	ND	66.3	30-130		27.1	30	
2,4,5-Trichlorophenol	0.743	0.0932	"	1.40	ND	53.2	10-127		21.6	30	
2,4,6-Trichlorophenol	0.830	0.0932	"	1.40	ND	59.4	10-132		21.6	30	
2,4-Dichlorophenol	0.769	0.0932	"	1.40	ND	55.1	10-128		16.6	30	
2,4-Dimethylphenol	0.698	0.0932	"	1.40	ND	50.0	10-137		17.5	30	
2,4-Dinitrophenol	0.183	0.186	"	1.40	ND	13.1	10-171		46.0	30	Non-dir.
2,4-Dinitrotoluene	0.795	0.0932	"	1.40	ND	57.0	16-135		27.6	30	
2,6-Dinitrotoluene	0.801	0.0932	"	1.40	ND	57.3	18-131		28.8	30	
2-Chloronaphthalene	0.715	0.0932	"	1.40	ND	51.2	10-129		17.4	30	
2-Chlorophenol	0.677	0.0932	"	1.40	ND	48.5	15-116		18.8	30	
2-Methylnaphthalene	0.674	0.0932	"	1.40	ND	48.3	10-147		18.2	30	
2-Methylphenol	0.712	0.0932	"	1.40	ND	51.0	10-136		18.1	30	
2-Nitroaniline	0.766	0.186	"	1.40	ND	54.8	10-137		24.3	30	
2-Nitrophenol	0.740	0.0932	"	1.40	ND	53.0	10-129		25.0	30	
3- & 4-Methylphenols	0.638	0.0932	"	1.40	ND	45.7	10-123		20.9	30	
3,3-Dichlorobenzidine	1.32	0.0932	"	0.931	ND	142	10-155		23.2	30	
3-Nitroaniline	0.766	0.186	"	1.40	ND	54.8	12-133		24.3	30	
4,6-Dinitro-2-methylphenol	0.207	0.186	"	1.40	ND	14.8	10-155		51.6	30	Non-dir.
4-Bromophenyl phenyl ether	0.712	0.0932	"	1.40	ND	51.0	14-128		20.1	30	
4-Chloro-3-methylphenol	0.722	0.0932	"	1.40	ND	51.7	10-134		18.2	30	
4-Chloroaniline	0.627	0.0932	"	1.40	ND	44.9	10-145		23.2	30	
4-Chlorophenyl phenyl ether	0.751	0.0932	"	1.40	ND	53.8	14-130		23.8	30	
4-Nitroaniline	0.758	0.186	"	1.40	ND	54.3	10-147		26.6	30	
4-Nitrophenol	0.740	0.186	"	1.40	ND	53.0	10-137		25.9	30	
Acenaphthene	0.708	0.0932	"	1.40	ND	50.7	10-146		24.2	30	
Acenaphthylene	0.727	0.0932	"	1.40	ND	52.1	10-134		20.4	30	
Acetophenone	0.704	0.0932	"	0.931	ND	75.6	10-116		19.9	30	
Aniline	0.649	0.373	"	1.40	ND	46.5	10-123		14.6	30	
Anthracene	0.801	0.0932	"	1.40	ND	57.3	10-142		24.4	30	
Atrazine	0.760	0.0932	"	0.931	ND	81.6	19-115		25.3	30	
Benzaldehyde	0.623	0.0932	"	0.931	ND	66.9	10-125		18.6	30	
Benzo(a)anthracene	0.783	0.0932	"	1.40	ND	56.1	10-158		25.7	30	
Benzo(a)pyrene	0.751	0.0932	"	1.40	ND	53.8	10-180		25.6	30	
Benzo(b)fluoranthene	0.777	0.0932	"	1.40	ND	55.6	10-200		23.3	30	
Benzo(g,h,i)perylene	0.801	0.0932	"	1.40	ND	57.3	10-138		32.8	30	Non-dir.
Benzo(k)fluoranthene	0.744	0.0932	"	1.40	ND	53.3	10-197		23.4	30	
Benzoic acid	0.105	0.0932	"	0.931	ND	11.3	10-166		106	30	Non-dir.
Benzyl alcohol	0.646	0.0932	"	1.40	ND	46.2	12-124		16.6	30	
Benzyl butyl phthalate	0.766	0.0932	"	1.40	ND	54.9	10-154		24.5	30	
Bis(2-chloroethoxy)methane	0.672	0.0932	"	1.40	ND	48.1	10-132		18.8	30	
Bis(2-chloroethyl)ether	0.603	0.0932	"	1.40	ND	43.1	10-119		16.9	30	
Bis(2-chloroisopropyl)ether	0.551	0.0932	"	1.40	ND	39.5	10-139		21.4	30	
Bis(2-ethylhexyl)phthalate	0.752	0.0932	"	1.40	ND	53.9	10-167		23.8	30	
Caprolactam	0.836	0.186	"	0.931	ND	89.8	10-132		19.1	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41656 - EPA 3550C											
Matrix Spike Dup (BI41656-M Matrix Spike Dup	*Source sample: 24I1448-01 (PE35_20.5)								Prepared & Analyzed: 09/26/2024		
Carbazole	0.769	0.0932	mg/kg dry	1.40	ND	55.1	10-167		24.7	30	
Chrysene	0.771	0.0932	"	1.40	ND	55.2	10-156		23.5	30	
Dibenzo(a,h)anthracene	0.792	0.0932	"	1.40	ND	56.7	10-137		32.3	30	Non-dir.
Dibenzofuran	0.762	0.0932	"	1.40	ND	54.6	10-147		22.3	30	
Diethyl phthalate	0.731	0.0932	"	1.40	ND	52.3	20-120		24.6	30	
Dimethyl phthalate	0.735	0.0932	"	1.40	ND	52.6	18-131		23.6	30	
Di-n-butyl phthalate	0.736	0.0932	"	1.40	ND	52.7	10-137		24.7	30	
Di-n-octyl phthalate	0.744	0.0932	"	1.40	ND	53.3	10-180		24.5	30	
Fluoranthene	0.763	0.0932	"	1.40	ND	54.7	10-160		25.0	30	
Fluorene	0.770	0.0932	"	1.40	ND	55.1	10-157		24.4	30	
Hexachlorobenzene	0.661	0.0932	"	1.40	ND	47.3	10-137		18.1	30	
Hexachlorobutadiene	0.728	0.0932	"	1.40	ND	52.1	10-132		19.6	30	
Hexachlorocyclopentadiene	0.268	0.0932	"	1.40	ND	19.2	10-106		31.9	30	Non-dir.
Hexachloroethane	0.605	0.0932	"	1.40	ND	43.3	10-110		17.0	30	
Indeno(1,2,3-cd)pyrene	0.804	0.0932	"	1.40	ND	57.6	10-144		31.4	30	Non-dir.
Isophorone	0.664	0.0932	"	1.40	ND	47.5	10-132		17.8	30	
Naphthalene	0.718	0.0932	"	1.40	ND	51.4	10-141		19.5	30	
Nitrobenzene	0.655	0.0932	"	1.40	ND	46.9	10-131		19.7	30	
N-Nitrosodimethylamine	0.517	0.0932	"	1.40	ND	37.0	10-126		17.0	30	
N-nitroso-di-n-propylamine	0.625	0.0932	"	1.40	ND	44.7	10-125		22.3	30	
N-Nitrosodiphenylamine	0.804	0.0932	"	1.40	ND	57.6	10-177		23.6	30	
Pentachlorophenol	1.02	0.0932	"	1.40	ND	73.1	10-153		23.2	30	
Phenanthrene	0.768	0.0932	"	1.40	ND	55.0	10-148		21.6	30	
Phenol	0.673	0.0932	"	1.40	ND	48.2	10-126		20.1	30	
Pyrene	0.898	0.0932	"	1.40	ND	64.3	10-165		22.2	30	
Pyridine	0.432	0.373	"	1.40	ND	30.9	10-83		18.9	30	
Surrogate: SURR: 2-Fluorophenol	*1.17*		*"*	*1.86*		*62.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.17*		*"*	*1.86*		*62.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.646*		*"*	*0.931*		*69.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.732*		*"*	*0.931*		*78.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.77*		*"*	*1.86*		*95.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.900*		*"*	*0.931*		*96.6*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41768 - EPA 3510C											
Blank (BI41768-BLK1) Blank									Prepared: 09/27/2024 Analyzed: 09/28/2024		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41768 - EPA 3510C											
Blank (BI41768-BLK1) Blank									Prepared: 09/27/2024 Analyzed: 09/28/2024		
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*14.4*		*"*	*50.0*		*28.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.46*		*"*	*50.0*		*16.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.9*		*"*	*25.0*		*67.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.6*		*"*	*25.0*		*74.5*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*54.7*		*"*	*50.0*		*109*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.2*		*"*	*25.0*		*80.8*	*30.7-106*				
Blank (BI41768-BLK2) Blank									Prepared: 09/27/2024 Analyzed: 10/01/2024		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41768 - EPA 3510C											
LCS (BI41768-BS1) LCS								Prepared: 09/27/2024 Analyzed: 09/30/2024			
1,1-Biphenyl	19.1	5.00	ug/L	25.0		76.5	33-95				
1,2,4,5-Tetrachlorobenzene	21.0	5.00	"	25.0		83.9	26-120				
1,2,4-Trichlorobenzene	20.1	5.00	"	25.0		80.2	20-118				
1,2-Dichlorobenzene	17.8	5.00	"	25.0		71.2	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	24.6	5.00	"	25.0		98.2	16-141				
1,3-Dichlorobenzene	17.6	5.00	"	25.0		70.4	23-117				
1,4-Dichlorobenzene	17.6	5.00	"	25.0		70.4	30-105				
2,3,4,6-Tetrachlorophenol	21.3	5.00	"	25.0		85.3	30-130				
2,4,5-Trichlorophenol	21.2	5.00	"	25.0		84.6	32-114				
2,4,6-Trichlorophenol	21.2	5.00	"	25.0		84.6	35-118				
2,4-Dichlorophenol	20.2	5.00	"	25.0		80.8	25-116				
2,4-Dimethylphenol	18.7	5.00	"	25.0		74.8	15-116				
2,4-Dinitrophenol	28.1	5.00	"	25.0		112	10-170				
2,4-Dinitrotoluene	25.8	5.00	"	25.0		103	41-128				
2,6-Dinitrotoluene	24.6	5.00	"	25.0		98.3	45-116				
2-Chloronaphthalene	19.1	5.00	"	25.0		76.5	33-112				
2-Chlorophenol	17.4	5.00	"	25.0		69.8	15-120				
2-Methylnaphthalene	18.0	5.00	"	25.0		71.9	24-118				
2-Methylphenol	15.4	5.00	"	25.0		61.4	10-110				
2-Nitroaniline	21.4	5.00	"	25.0		85.7	34-129				
2-Nitrophenol	24.9	5.00	"	25.0		99.6	28-118				
3- & 4-Methylphenols	12.8	5.00	"	25.0		51.0	10-107				
3,3-Dichlorobenzidine	13.4	5.00	"	25.0		53.4	15-187				
3-Nitroaniline	15.3	5.00	"	25.0		61.1	24-134				
4,6-Dinitro-2-methylphenol	40.0	5.00	"	25.0		160	10-153	High Bias			
4-Bromophenyl phenyl ether	23.8	5.00	"	25.0		95.3	34-120				
4-Chloro-3-methylphenol	20.8	5.00	"	25.0		83.3	20-120				
4-Chloroaniline	14.9	5.00	"	25.0		59.6	10-147				
4-Chlorophenyl phenyl ether	20.6	5.00	"	25.0		82.2	27-121				
4-Nitroaniline	14.4	5.00	"	25.0		57.7	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	21.7	5.00	"	25.0		86.7	25-110				
Aniline	25.5	5.00	"	25.0		102	10-117				
Benzaldehyde	22.9	5.00	"	25.0		91.6	29-117				
Benzoic acid	4.10	5.00	"	25.0		16.4	30-130	Low Bias			
Benzyl alcohol	12.2	5.00	"	25.0		48.6	10-117				
Benzyl butyl phthalate	17.0	5.00	"	25.0		68.2	29-133				
Bis(2-chloroethoxy)methane	23.6	5.00	"	25.0		94.3	10-154				
Bis(2-chloroethyl)ether	36.7	5.00	"	25.0		147	17-125	High Bias			
Bis(2-chloroisopropyl)ether	26.4	5.00	"	25.0		106	10-139				
Caprolactam	3.89	5.00	"	25.0		15.6	10-137				
Carbazole	18.1	5.00	"	25.0		72.4	42-126				
Dibenzofuran	18.9	5.00	"	25.0		75.6	36-113				
Diethyl phthalate	19.5	5.00	"	25.0		78.2	38-115				
Dimethyl phthalate	19.8	5.00	"	25.0		79.2	38-129				
Di-n-butyl phthalate	20.4	5.00	"	25.0		81.7	31-120				
Di-n-octyl phthalate	17.2	5.00	"	25.0		68.8	21-149				
Hexachlorocyclopentadiene	14.7	10.0	"	25.0		58.7	10-130				
Isophorone	25.4	5.00	"	25.0		101	25-127				
N-nitroso-di-n-propylamine	22.8	5.00	"	25.0		91.2	26-122				
N-Nitrosodiphenylamine	22.9	5.00	"	25.0		91.6	23-149				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41768 - EPA 3510C											
LCS (BI41768-BS1) LCS								Prepared: 09/27/2024 Analyzed: 09/30/2024			
Phenol	8.43	5.00	ug/L	25.0		33.7	10-110				
Pyridine	5.93	5.00	"	35.0		16.9	10-90				
Surrogate: SURR: 2-Fluorophenol	*21.8*		*"*	*50.0*		*43.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*12.3*		*"*	*50.0*		*24.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*26.8*		*"*	*25.0*		*107*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.3*		*"*	*25.0*		*81.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*69.2*		*"*	*50.0*		*138*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.1*		*"*	*25.0*		*84.5*	*30.7-106*				
LCS (BI41768-BS2) LCS								Prepared: 09/27/2024 Analyzed: 10/01/2024			
Acenaphthene	1.01	0.0500	ug/L	1.00		101	25-116				
Acenaphthylene	1.12	0.0500	"	1.00		112	26-116				
Anthracene	1.02	0.0500	"	1.00		102	25-123				
Benzo(a)anthracene	1.11	0.0500	"	1.00		111	33-125				
Benzo(a)pyrene	1.07	0.0500	"	1.00		107	32-132				
Benzo(b)fluoranthene	1.06	0.0500	"	1.00		106	22-137				
Benzo(g,h,i)perylene	1.20	0.0500	"	1.00		120	10-138				
Benzo(k)fluoranthene	1.14	0.0500	"	1.00		114	20-137				
Bis(2-ethylhexyl)phthalate	1.39	0.500	"	1.00		139	10-189				
Chrysene	1.04	0.0500	"	1.00		104	32-124				
Dibenzo(a,h)anthracene	1.37	0.0500	"	1.00		137	16-133	High Bias			
Fluoranthene	1.21	0.0500	"	1.00		121	32-121				
Fluorene	1.08	0.0500	"	1.00		108	28-118				
Hexachlorobenzene	0.170	0.0200	"	1.00		17.0	23-124	Low Bias			
Hexachlorobutadiene	0.820	0.500	"	1.00		82.0	15-123				
Hexachloroethane	0.950	0.500	"	1.00		95.0	18-115				
Indeno(1,2,3-cd)pyrene	1.32	0.0500	"	1.00		132	15-135				
Naphthalene	0.940	0.0500	"	1.00		94.0	18-120				
Nitrobenzene	0.770	0.250	"	1.00		77.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.55	0.250	"	1.00		155	10-156				
Phenanthrene	1.15	0.0500	"	1.00		115	24-127				
Pyrene	1.13	0.0500	"	1.00		113	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41768 - EPA 3510C											
LCS Dup (BI41768-BSD1) LCS Dup									Prepared: 09/27/2024 Analyzed: 09/30/2024		
1,1-Biphenyl	19.4	5.00	ug/L	25.0		77.4	33-95		1.20	20	
1,2,4,5-Tetrachlorobenzene	21.0	5.00	"	25.0		84.0	26-120		0.0953	20	
1,2,4-Trichlorobenzene	20.0	5.00	"	25.0		79.8	20-118		0.550	20	
1,2-Dichlorobenzene	17.9	5.00	"	25.0		71.7	29-111		0.672	20	
1,2-Diphenylhydrazine (as Azobenzene)	24.8	5.00	"	25.0		99.1	16-141		0.933	20	
1,3-Dichlorobenzene	17.8	5.00	"	25.0		71.2	23-117		1.13	20	
1,4-Dichlorobenzene	17.8	5.00	"	25.0		71.2	30-105		1.13	20	
2,3,4,6-Tetrachlorophenol	21.3	5.00	"	25.0		85.4	30-130		0.0469	20	
2,4,5-Trichlorophenol	21.9	5.00	"	25.0		87.6	32-114		3.48	20	
2,4,6-Trichlorophenol	20.9	5.00	"	25.0		83.8	35-118		1.05	20	
2,4-Dichlorophenol	20.1	5.00	"	25.0		80.3	25-116		0.646	20	
2,4-Dimethylphenol	19.0	5.00	"	25.0		76.0	15-116		1.64	20	
2,4-Dinitrophenol	27.8	5.00	"	25.0		111	10-170		0.858	20	
2,4-Dinitrotoluene	25.7	5.00	"	25.0		103	41-128		0.504	20	
2,6-Dinitrotoluene	24.8	5.00	"	25.0		99.1	45-116		0.851	20	
2-Chloronaphthalene	18.5	5.00	"	25.0		74.0	33-112		3.35	20	
2-Chlorophenol	17.6	5.00	"	25.0		70.4	15-120		0.913	20	
2-Methylnaphthalene	18.0	5.00	"	25.0		72.1	24-118		0.278	20	
2-Methylphenol	15.3	5.00	"	25.0		61.3	10-110		0.196	20	
2-Nitroaniline	21.8	5.00	"	25.0		87.2	34-129		1.80	20	
2-Nitrophenol	25.5	5.00	"	25.0		102	28-118		2.18	20	
3- & 4-Methylphenols	13.3	5.00	"	25.0		53.1	10-107		4.07	20	
3,3-Dichlorobenzidine	13.6	5.00	"	25.0		54.3	15-187		1.56	20	
3-Nitroaniline	15.2	5.00	"	25.0		60.6	24-134		0.789	20	
4,6-Dinitro-2-methylphenol	40.2	5.00	"	25.0		161	10-153	High Bias	0.399	20	
4-Bromophenyl phenyl ether	24.0	5.00	"	25.0		96.1	34-120		0.836	20	
4-Chloro-3-methylphenol	21.6	5.00	"	25.0		86.4	20-120		3.58	20	
4-Chloroaniline	15.2	5.00	"	25.0		60.8	10-147		1.99	20	
4-Chlorophenyl phenyl ether	20.4	5.00	"	25.0		81.5	27-121		0.831	20	
4-Nitroaniline	15.1	5.00	"	25.0		60.6	13-134		4.80	20	
4-Nitrophenol	33.7	5.00	"	25.0		135	10-131	High Bias	185	20	Non-dir.
Acetophenone	21.6	5.00	"	25.0		86.4	25-110		0.324	20	
Aniline	25.5	5.00	"	25.0		102	10-117		0.0392	20	
Benzaldehyde	23.3	5.00	"	25.0		93.2	29-117		1.69	20	
Benzoic acid	3.92	5.00	"	25.0		15.7	30-130	Low Bias	4.49	20	
Benzyl alcohol	12.4	5.00	"	25.0		49.6	10-117		2.04	20	
Benzyl butyl phthalate	17.2	5.00	"	25.0		68.6	29-133		0.702	20	
Bis(2-chloroethoxy)methane	23.5	5.00	"	25.0		94.1	10-154		0.212	20	
Bis(2-chloroethyl)ether	36.7	5.00	"	25.0		147	17-125	High Bias	0.0545	20	
Bis(2-chloroisopropyl)ether	26.2	5.00	"	25.0		105	10-139		0.760	20	
Caprolactam	3.99	5.00	"	25.0		16.0	10-137		2.54	20	
Carbazole	18.1	5.00	"	25.0		72.5	42-126		0.110	20	
Dibenzofuran	18.9	5.00	"	25.0		75.6	36-113		0.00	20	
Diethyl phthalate	19.5	5.00	"	25.0		78.0	38-115		0.256	20	
Dimethyl phthalate	19.9	5.00	"	25.0		79.5	38-129		0.403	20	
Di-n-butyl phthalate	20.5	5.00	"	25.0		82.0	31-120		0.440	20	
Di-n-octyl phthalate	17.3	5.00	"	25.0		69.1	21-149		0.464	20	
Hexachlorocyclopentadiene	14.7	10.0	"	25.0		58.9	10-130		0.340	20	
Isophorone	25.5	5.00	"	25.0		102	25-127		0.668	20	
N-nitroso-di-n-propylamine	22.7	5.00	"	25.0		90.8	26-122		0.483	20	
N-Nitrosodiphenylamine	23.4	5.00	"	25.0		93.4	23-149		1.95	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41768 - EPA 3510C											
LCS Dup (BI41768-BSD1) LCS Dup									Prepared: 09/27/2024 Analyzed: 09/30/2024		
Phenol	8.36	5.00	ug/L	25.0		33.4	10-110		0.834	20	
Pyridine	5.75	5.00	"	35.0		16.4	10-90		3.08	20	
Surrogate: SURR: 2-Fluorophenol	*21.8*		*"*	*50.0*		*43.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*12.4*		*"*	*50.0*		*24.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*27.0*		*"*	*25.0*		*108*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.4*		*"*	*25.0*		*81.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*70.2*		*"*	*50.0*		*140*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.2*		*"*	*25.0*		*85.0*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41762 - EPA 3550C												
Blank (BI41762-BLK1)	Blank									Prepared: 09/27/2024 Analyzed: 09/30/2024		
1,4-Dioxane		ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8		*415*		*"*	*495*		*83.9*	*39-127.5*				
LCS (BI41762-BS1)	LCS									Prepared: 09/27/2024 Analyzed: 09/30/2024		
1,4-Dioxane		475	19.8	ug/kg	495		96.0	40-130				
Surrogate: 1,4-Dioxane-d8		*439*		*"*	*495*		*88.7*	*39-127.5*				
Matrix Spike (BI41762-MS1)	Matrix Spike	*Source sample: 24I1448-01 (PE35_20.5)								Prepared: 09/27/2024 Analyzed: 09/30/2024		
1,4-Dioxane		498	19.8	ug/kg	495	ND	101	40-130				
Surrogate: 1,4-Dioxane-d8		*351*		*"*	*495*		*71.0*	*40-130*				
Matrix Spike Dup (BI41762-M	Matrix Spike Dup	*Source sample: 24I1448-01 (PE35_20.5)								Prepared: 09/27/2024 Analyzed: 09/30/2024		
1,4-Dioxane		505	19.8	ug/kg	495	ND	102	40-130		1.38	30	
Surrogate: 1,4-Dioxane-d8		*358*		*"*	*495*		*72.4*	*40-130*				
Batch BI41775 - EPA 3535A												
Blank (BI41775-BLK1)	Blank									Prepared: 09/27/2024 Analyzed: 10/01/2024		
1,4-Dioxane		ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8		*2.93*		*"*	*4.00*		*73.2*	*36.6-118*				
LCS (BI41775-BS1)	LCS									Prepared: 09/27/2024 Analyzed: 10/01/2024		
1,4-Dioxane		3.49	0.300	ug/L	4.00		87.2	50-130				
Surrogate: 1,4-Dioxane-d8		*2.66*		*"*	*4.00*		*66.6*	*36.6-118*				
Matrix Spike (BI41775-MS1)	Matrix Spike	*Source sample: 24I1448-08 (FB_09242024)								Prepared: 09/27/2024 Analyzed: 10/01/2024		
1,4-Dioxane		3.87	0.300	ug/L	4.00	ND	96.8	50-130				
Surrogate: 1,4-Dioxane-d8		*2.73*		*"*	*4.00*		*68.3*	*50-130*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41775 - EPA 3535A											
Matrix Spike Dup (BI41775-M Matrix Spike Dup	*Source sample: 24I1448-08 (FB_09242024)								Prepared: 09/27/2024 Analyzed: 10/01/2024		
1,4-Dioxane	3.68	0.300	ug/L	4.00	ND	92.0	50-130		5.08	30	
Surrogate: 1,4-Dioxane-d8	*2.97*		*"*	*4.00*		*74.2*	*50-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41791 - EPA 1633 Prep											
Blank (BI41791-BLK1) Blank									Prepared: 09/27/2024 Analyzed: 09/30/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.992	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.96	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*1.82*		"	*2.31*		*78.9*	*25-150*				
Surrogate: M5PFHxA	*2.29*		"	*2.48*		*92.2*	*25-150*				
Surrogate: M4PFHpA	*1.85*		"	*2.48*		*74.5*	*25-150*				
Surrogate: M3PFHxS	*2.00*		"	*2.35*		*85.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.33*		"	*2.48*		*94.0*	*25-150*				
Surrogate: M6PFDA	*1.10*		"	*1.24*		*88.3*	*25-150*				
Surrogate: M7PFUdA	*1.03*		"	*1.24*		*82.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.806*		"	*1.24*		*65.0*	*25-150*				
Surrogate: M2PFTeDA	*0.683*		"	*1.24*		*55.1*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41791 - EPA 1633 Prep											
Blank (BI41791-BLK1) Blank								Prepared: 09/27/2024 Analyzed: 09/30/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.92*		*ug/kg wet*	*9.92*		*100*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.15*		*"*	*2.38*		*90.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.28*		*"*	*4.96*		*86.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.22*		*"*	*2.48*		*89.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.44*		*"*	*4.96*		*69.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.75*		*"*	*4.96*		*75.6*	*25-150*				
Surrogate: M2-6:2 FTS	*4.78*		*"*	*4.72*		*101*	*25-200*				
Surrogate: M2-8:2 FTS	*3.85*		*"*	*4.76*		*80.9*	*25-200*				
Surrogate: M9PFNA	*1.00*		*"*	*1.24*		*81.0*	*25-150*				
Surrogate: M2-4:2 FTS	*4.60*		*"*	*4.65*		*98.9*	*25-150*				
Surrogate: d-N-MeFOSA	*1.74*		*"*	*2.48*		*70.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.53*		*"*	*2.48*		*61.7*	*25-150*				
Surrogate: M3HFPO-DA	*10.1*		*"*	*9.92*		*101*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.2*		*"*	*24.8*		*53.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.1*		*"*	*24.8*		*60.8*	*25-150*				
LCS (BI41791-BS1) LCS								Prepared: 09/27/2024 Analyzed: 09/30/2024			
Perfluorobutanesulfonic acid (PFBS)	3.28	0.175	ug/kg wet	3.49		94.0	50-150				
Perfluorohexanoic acid (PFHxA)	3.63	0.197	"	3.94		92.1	50-150				
Perfluoroheptanoic acid (PFHpA)	4.72	0.197	"	3.94		120	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.34	0.180	"	3.61		92.7	50-150				
Perfluorooctanoic acid (PFOA)	3.13	0.197	"	3.94		79.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.13	0.183	"	3.67		85.4	50-150				
Perfluorononanoic acid (PFNA)	3.38	0.197	"	3.94		85.7	50-150				
Perfluorodecanoic acid (PFDA)	3.48	0.197	"	3.94		88.2	50-150				
Perfluoroundecanoic acid (PFUnA)	4.04	0.197	"	3.94		102	50-150				
Perfluorododecanoic acid (PFDoA)	4.15	0.197	"	3.94		105	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.59	0.197	"	3.94		116	50-150				
Perfluorotetradecanoic acid (PFTA)	3.68	0.197	"	3.94		93.4	50-150				
N-MeFOSAA	4.23	0.197	"	3.94		107	50-150				
N-EtFOSAA	4.13	0.197	"	3.94		105	50-150				
Perfluoropentanoic acid (PFPeA)	8.05	0.394	"	7.89		102	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.19	0.197	"	3.94		80.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.68	0.197	"	3.77		97.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.23	0.190	"	3.81		58.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	13.1	0.750	"	15.0		87.6	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.7	0.757	"	15.1		110	50-150				
Perfluoro-n-butanoic acid (PFBA)	12.8	0.789	"	15.8		81.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.21	0.351	"	7.02		117	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.25	0.394	"	7.89		105	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.437	0.394	"	7.89		5.53	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	15.8	0.394	"	7.89		200	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	3.66	0.185	"	3.71		98.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	11.7	0.740	"	14.8		78.8	50-150				
HFPO-DA (Gen-X)	7.37	0.789	"	7.89		93.4	50-150				
11CL-PF3OUdS	3.95	0.746	"	7.46		53.0	50-150				
9CL-PF3ONS	6.37	0.738	"	7.38		86.4	50-150				
ADONA	6.81	0.746	"	7.46		91.4	50-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41791 - EPA 1633 Prep											
LCS (BI41791-BS1) LCS								Prepared: 09/27/2024 Analyzed: 09/30/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.20	0.191	ug/kg wet	3.83		31.4	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	2.99	0.189	"	3.79		78.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	8.97	0.986	"	15.8		56.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	99.5	4.93	"	78.9		126	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	99.2	4.93	"	78.9		126	50-150				
N-MeFOSE	37.9	1.97	"	39.4		96.1	50-150				
N-MeFOSA	3.91	0.197	"	3.94		99.1	50-150				
N-EtFOSE	42.7	1.97	"	39.4		108	50-150				
N-EtFOSA	4.10	0.197	"	3.94		104	50-150				
Surrogate: M3PFBS	*2.31*		"	*2.30*		*101*	*25-150*				
Surrogate: M5PFHxA	*3.07*		"	*2.47*		*124*	*25-150*				
Surrogate: M4PFHpA	*2.33*		"	*2.47*		*94.4*	*25-150*				
Surrogate: M3PFHxS	*2.31*		"	*2.34*		*98.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.25*		"	*2.47*		*132*	*25-150*				
Surrogate: M6PFDA	*1.70*		"	*1.23*		*138*	*25-150*				
Surrogate: M7PFUdA	*1.12*		"	*1.23*		*91.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.823*		"	*1.23*		*66.7*	*25-150*				
Surrogate: M2PFTeDA	*0.632*		"	*1.23*		*51.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.218*		"	*9.86*		*2.21*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.00*		"	*2.36*		*127*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*1.96*		"	*4.93*		*39.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.14*		"	*2.47*		*127*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.78*		"	*4.93*		*97.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.49*		"	*4.93*		*111*	*25-150*				
Surrogate: M2-6:2 FTS	*16.6*		"	*4.69*		*354*	*25-200*				
Surrogate: M2-8:2 FTS	*8.03*		"	*4.73*		*170*	*25-200*				
Surrogate: M9PFNA	*1.30*		"	*1.23*		*106*	*25-150*				
Surrogate: M2-4:2 FTS	*22.9*		"	*4.63*		*495*	*25-150*				
Surrogate: d-N-MeFOSA	*2.28*		"	*2.47*		*92.4*	*25-150*				
Surrogate: d-N-EtFOSA	*2.02*		"	*2.47*		*81.8*	*25-150*				
Surrogate: M3HFPO-DA	*13.5*		"	*9.86*		*137*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.30*		"	*24.7*		*33.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*9.85*		"	*24.7*		*40.0*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41791 - EPA 1633 Prep											
LCS (BI41791-BS2) LCS								Prepared: 09/27/2024 Analyzed: 09/30/2024			
Perfluorobutanesulfonic acid (PFBS)	0.639	0.175	ug/kg wet	0.701		91.2	50-150				
Perfluorohexanoic acid (PFHxA)	0.678	0.198	"	0.792		85.6	50-150				
Perfluoroheptanoic acid (PFHpA)	0.870	0.198	"	0.792		110	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.693	0.181	"	0.725		95.6	50-150				
Perfluorooctanoic acid (PFOA)	0.596	0.198	"	0.792		75.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.676	0.184	"	0.737		91.8	50-150				
Perfluorononanoic acid (PFNA)	0.610	0.198	"	0.792		77.0	50-150				
Perfluorodecanoic acid (PFDA)	0.588	0.198	"	0.792		74.3	50-150				
Perfluoroundecanoic acid (PFUnA)	0.743	0.198	"	0.792		93.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.693	0.198	"	0.792		87.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.865	0.198	"	0.792		109	50-150				
Perfluorotetradecanoic acid (PFTA)	0.776	0.198	"	0.792		98.0	50-150				
N-MeFOSAA	0.902	0.198	"	0.792		114	50-150				
N-EtFOSAA	0.761	0.198	"	0.792		96.1	50-150				
Perfluoropentanoic acid (PFPeA)	1.55	0.396	"	1.58		97.6	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.658	0.198	"	0.792		83.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.725	0.198	"	0.756		95.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.462	0.191	"	0.764		60.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.75	0.752	"	3.01		91.5	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.58	0.760	"	3.04		118	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.01	0.792	"	3.17		94.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.60	0.352	"	1.41		114	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.52	0.396	"	1.58		95.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.62	0.396	"	1.58		102	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.59	0.396	"	1.58		100	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.679	0.186	"	0.745		91.2	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.36	0.743	"	2.97		79.5	50-150				
HFPO-DA (Gen-X)	1.69	0.792	"	1.58		106	50-150				
11CL-PF3OUdS	0.901	0.749	"	1.50		60.2	50-150				
9CL-PF3ONS	1.29	0.741	"	1.48		87.4	50-150				
ADONA	1.32	0.749	"	1.50		88.1	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.319	0.192	"	0.768		41.5	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.647	0.190	"	0.760		85.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	4.60	0.990	"	3.17		145	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	19.5	4.95	"	15.8		123	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	19.9	4.95	"	15.8		126	50-150				
N-MeFOSE	8.13	1.98	"	7.92		103	50-150				
N-MeFOSA	0.640	0.198	"	0.792		80.8	50-150				
N-EtFOSE	8.62	1.98	"	7.92		109	50-150				
N-EtFOSA	0.908	0.198	"	0.792		115	50-150				
Surrogate: M3PFBS	*2.05*		"	*2.31*		*88.7*	*25-150*				
Surrogate: M5PFHxA	*2.76*		"	*2.48*		*111*	*25-150*				
Surrogate: M4PFHpA	*2.24*		"	*2.48*		*90.6*	*25-150*				
Surrogate: M3PFHxS	*2.22*		"	*2.35*		*94.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.94*		"	*2.48*		*119*	*25-150*				
Surrogate: M6PFDA	*1.27*		"	*1.24*		*103*	*25-150*				
Surrogate: M7PFUdA	*0.938*		"	*1.24*		*75.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.818*		"	*1.24*		*66.1*	*25-150*				
Surrogate: M2PFTeDA	*0.634*		"	*1.24*		*51.2*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41791 - EPA 1633 Prep											
LCS (BI41791-BS2) LCS								Prepared: 09/27/2024 Analyzed: 09/30/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.1*		*ug/kg wet*	*9.90*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.56*		*"*	*2.37*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.79*		*"*	*4.95*		*96.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.66*		*"*	*2.48*		*107*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.41*		*"*	*4.95*		*89.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.13*		*"*	*4.95*		*104*	*25-150*				
Surrogate: M2-6:2 FTS	*11.8*		*"*	*4.71*		*251*	*25-200*				
Surrogate: M2-8:2 FTS	*6.97*		*"*	*4.75*		*147*	*25-200*				
Surrogate: M9PFNA	*1.21*		*"*	*1.24*		*98.1*	*25-150*				
Surrogate: M2-4:2 FTS	*13.7*		*"*	*4.64*		*294*	*25-150*				
Surrogate: d-N-MeFOSA	*1.99*		*"*	*2.48*		*80.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.56*		*"*	*2.48*		*63.0*	*25-150*				
Surrogate: M3HFPO-DA	*12.6*		*"*	*9.90*		*127*	*25-150*				
Surrogate: d9-N-EtFOSE	*9.85*		*"*	*24.8*		*39.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.8*		*"*	*24.8*		*43.7*	*25-150*				
Matrix Spike (BI41791-MS1) Matrix Spike *Source sample: 24I1448-01 (PE35_20.5)								Prepared: 09/27/2024 Analyzed: 09/30/2024			
Perfluorobutanesulfonic acid (PFBS)	3.68	0.198	ug/kg dry	3.95	ND	93.0	25-150				
Perfluorohexanoic acid (PFHxA)	3.74	0.223	"	4.47	ND	83.8	25-150				
Perfluoroheptanoic acid (PFHpA)	5.06	0.223	"	4.47	ND	113	25-150				
Perfluorohexanesulfonic acid (PFHxS)	3.97	0.204	"	4.09	ND	97.1	25-150				
Perfluorooctanoic acid (PFOA)	3.99	0.223	"	4.47	ND	89.3	25-150				
Perfluorooctanesulfonic acid (PFOS)	3.83	0.208	"	4.15	ND	92.2	25-150				
Perfluorononanoic acid (PFNA)	2.95	0.223	"	4.47	ND	66.2	25-150				
Perfluorodecanoic acid (PFDA)	3.66	0.223	"	4.47	ND	81.9	25-150				
Perfluoroundecanoic acid (PFUnA)	4.13	0.223	"	4.47	ND	92.4	25-150				
Perfluorododecanoic acid (PFDoA)	4.51	0.223	"	4.47	ND	101	25-150				
Perfluorotridecanoic acid (PFTrDA)	4.79	0.223	"	4.47	ND	107	25-150				
Perfluorotetradecanoic acid (PFTA)	4.09	0.223	"	4.47	ND	91.5	25-150				
N-MeFOSAA	4.26	0.223	"	4.47	ND	95.4	25-150				
N-EtFOSAA	4.21	0.223	"	4.47	ND	94.4	25-150				
Perfluoropentanoic acid (PFPeA)	8.78	0.447	"	8.93	ND	98.3	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.73	0.223	"	4.47	ND	83.5	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.20	0.223	"	4.26	ND	98.5	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.85	0.215	"	4.31	ND	89.3	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.9	0.848	"	17.0	ND	99.3	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.1	0.857	"	17.1	ND	93.6	25-150				
Perfluoro-n-butanoic acid (PFBA)	17.4	0.893	"	17.9	ND	97.1	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.53	0.397	"	7.95	ND	107	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.82	0.447	"	8.93	ND	76.4	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.03	0.447	"	8.93	ND	101	25-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.88	0.447	"	8.93	ND	99.4	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.90	0.210	"	4.20	ND	93.0	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.3	0.837	"	16.7	ND	79.6	25-150				
HFPO-DA (Gen-X)	9.65	0.893	"	8.93	ND	108	25-150				
11CL-PF3OUdS	15.9	0.844	"	8.44	ND	189	25-150	High Bias			
9CL-PF3ONS	18.4	0.835	"	8.35	ND	220	25-150	High Bias			
ADONA	15.8	0.844	"	8.44	ND	187	25-150	High Bias			



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41791 - EPA 1633 Prep											
Matrix Spike (BI41791-MS1) Matrix Spike	*Source sample: 24I1448-01 (PE35_20.5)							Prepared: 09/27/2024 Analyzed: 09/30/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.77	0.217	ug/kg dry	4.33	ND	64.0	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.46	0.214	"	4.29	ND	104	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	11.5	1.12	"	17.9	ND	64.5	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	61.1	5.58	"	89.3	ND	68.4	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	82.6	5.58	"	89.3	ND	92.4	25-150				
N-MeFOSE	47.5	2.23	"	44.7	ND	106	25-150				
N-MeFOSA	4.51	0.223	"	4.47	ND	101	25-150				
N-EtFOSE	41.6	2.23	"	44.7	ND	93.2	25-150				
N-EtFOSA	4.80	0.223	"	4.47	ND	108	25-150				
Surrogate: M3PFBS	*2.26*		*"*	*2.60*		*86.8*	*25-150*				
Surrogate: M5PFHxA	*3.27*		*"*	*2.79*		*117*	*25-150*				
Surrogate: M4PFHpA	*2.93*		*"*	*2.79*		*105*	*25-150*				
Surrogate: M3PFHxS	*2.32*		*"*	*2.65*		*87.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.16*		*"*	*2.79*		*113*	*25-150*				
Surrogate: M6PFDA	*1.64*		*"*	*1.40*		*117*	*25-150*				
Surrogate: M7PFUdA	*1.48*		*"*	*1.40*		*106*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.10*		*"*	*1.40*		*78.6*	*25-150*				
Surrogate: M2PFTeDA	*0.912*		*"*	*1.40*		*65.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.1*		*"*	*11.2*		*99.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.99*		*"*	*2.67*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.72*		*"*	*5.58*		*103*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.60*		*"*	*2.79*		*93.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*6.05*		*"*	*5.58*		*108*	*25-150*				
Surrogate: d5-N-EtFOSAA	*6.59*		*"*	*5.58*		*118*	*25-150*				
Surrogate: M2-6:2 FTS	*5.44*		*"*	*5.31*		*102*	*25-200*				
Surrogate: M2-8:2 FTS	*6.30*		*"*	*5.36*		*118*	*25-200*				
Surrogate: M9PFNA	*1.65*		*"*	*1.40*		*118*	*25-150*				
Surrogate: M2-4:2 FTS	*5.84*		*"*	*5.24*		*112*	*25-150*				
Surrogate: d-N-MeFOSA	*1.03*		*"*	*2.79*		*36.8*	*25-150*				
Surrogate: d-N-EtFOSA	*0.991*		*"*	*2.79*		*35.5*	*25-150*				
Surrogate: M3HFPO-DA	*7.46*		*"*	*11.2*		*66.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.9*		*"*	*27.9*		*56.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.9*		*"*	*27.9*		*56.9*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41791 - EPA 1633 Prep											
Matrix Spike Dup (BI41791-M Matrix Spike Dup	*Source sample: 24I1448-01 (PE35_20.5)								Prepared: 09/27/2024 Analyzed: 09/30/2024		
Perfluorobutanesulfonic acid (PFBS)	3.84	0.198	ug/kg dry	3.96	ND	97.1	25-150		4.47	35	
Perfluorohexanoic acid (PFHxA)	4.44	0.224	"	4.47	ND	99.3	25-150		17.1	35	
Perfluoroheptanoic acid (PFHpA)	4.86	0.224	"	4.47	ND	109	25-150		4.01	35	
Perfluorohexanesulfonic acid (PFHxS)	4.00	0.205	"	4.09	ND	97.6	25-150		0.714	35	
Perfluorooctanoic acid (PFOA)	3.98	0.224	"	4.47	ND	89.0	25-150		0.218	35	
Perfluorooctanesulfonic acid (PFOS)	3.88	0.208	"	4.16	ND	93.1	25-150		1.21	35	
Perfluorononanoic acid (PFNA)	4.22	0.224	"	4.47	ND	94.4	25-150		35.4	35	Non-dir.
Perfluorodecanoic acid (PFDA)	4.09	0.224	"	4.47	ND	91.5	25-150		11.3	35	
Perfluoroundecanoic acid (PFUnA)	4.92	0.224	"	4.47	ND	110	25-150		17.5	35	
Perfluorododecanoic acid (PFDoA)	4.17	0.224	"	4.47	ND	93.2	25-150		7.94	35	
Perfluorotridecanoic acid (PFTrDA)	5.29	0.224	"	4.47	ND	118	25-150		9.86	35	
Perfluorotetradecanoic acid (PFTA)	4.23	0.224	"	4.47	ND	94.6	25-150		3.59	35	
N-MeFOSAA	4.55	0.224	"	4.47	ND	102	25-150		6.62	35	
N-EtFOSAA	4.67	0.224	"	4.47	ND	104	25-150		10.3	35	
Perfluoropentanoic acid (PFPeA)	9.24	0.447	"	8.95	ND	103	25-150		5.15	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.01	0.224	"	4.47	ND	89.7	25-150		7.30	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.42	0.224	"	4.27	ND	103	25-150		5.02	35	
Perfluoro-1-decanesulfonic acid (PFDS)	4.02	0.216	"	4.32	ND	93.0	25-150		4.29	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.6	0.850	"	17.0	ND	97.6	25-150		1.52	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	18.3	0.859	"	17.2	ND	107	25-150		13.3	35	
Perfluoro-n-butanoic acid (PFBA)	17.6	0.895	"	17.9	ND	98.1	25-150		1.14	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.20	0.398	"	7.96	ND	115	25-150		7.56	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.84	0.447	"	8.95	ND	87.6	25-150		13.9	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	9.33	0.447	"	8.95	ND	104	25-150		3.20	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	9.30	0.447	"	8.95	ND	104	25-150		4.58	30	
Perfluoro-1-pentanesulfonate (PFPeS)	3.74	0.210	"	4.21	ND	89.0	25-150		4.21	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.0	0.839	"	16.8	ND	89.7	25-150		12.1	30	
HFPO-DA (Gen-X)	11.5	0.895	"	8.95	ND	128	25-150		17.1	30	
11CL-PF3OUdS	13.6	0.846	"	8.46	ND	161	25-150	High Bias	15.7	30	
9CL-PF3ONS	16.2	0.837	"	8.37	ND	194	25-150	High Bias	12.7	30	
ADONA	13.9	0.846	"	8.46	ND	165	25-150	High Bias	12.7	30	
Perfluorododecanesulfonic acid (PFDoS)	2.54	0.217	"	4.34	ND	58.6	25-150		8.75	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	4.34	0.215	"	4.30	ND	101	25-150		2.64	30	
3-Perfluoropropyl propanoic acid (FPrPA)	13.2	1.12	"	17.9	ND	73.6	25-150		13.3	30	
3-Perfluoropentyl propanoic acid (FPePA)	67.9	5.59	"	89.5	ND	75.8	25-150		10.5	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	89.0	5.59	"	89.5	ND	99.4	25-150		7.51	30	
N-MeFOSE	45.6	2.24	"	44.7	ND	102	25-150		4.10	30	
N-MeFOSA	3.91	0.224	"	4.47	ND	87.4	25-150		14.1	30	
N-EtFOSE	47.3	2.24	"	44.7	ND	106	25-150		12.8	30	
N-EtFOSA	3.70	0.224	"	4.47	ND	82.8	25-150		25.9	30	
Surrogate: M3PFBS	*2.31*		"	*2.61*		*88.8*	*25-150*				
Surrogate: M5PFHxA	*2.94*		"	*2.80*		*105*	*25-150*				
Surrogate: M4PFHpA	*2.70*		"	*2.80*		*96.6*	*25-150*				
Surrogate: M3PFHxS	*2.48*		"	*2.65*		*93.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.03*		"	*2.80*		*108*	*25-150*				
Surrogate: M6PFDA	*1.65*		"	*1.40*		*118*	*25-150*				
Surrogate: M7PFUdA	*1.51*		"	*1.40*		*108*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.35*		"	*1.40*		*96.6*	*25-150*				
Surrogate: M2PFTeDA	*0.890*		"	*1.40*		*63.6*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI41791 - EPA 1633 Prep

Matrix Spike Dup (BI41791-M Matrix Spike Dup *Source sample: 24I1448-01 (PE35_20.5) Prepared: 09/27/2024 Analyzed: 09/30/2024

Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.2*		*ug/kg dry*	*11.2*		*109*	*25-150*			
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.93*		*"*	*2.68*		*109*	*25-150*			
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.35*		*"*	*5.59*		*95.6*	*25-150*			
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.39*		*"*	*2.80*		*85.3*	*10-150*			
Surrogate: d3-N-MeFOSAA	*5.47*		*"*	*5.59*		*97.8*	*25-150*			
Surrogate: d5-N-EtFOSAA	*5.91*		*"*	*5.59*		*106*	*25-150*			
Surrogate: M2-6:2 FTS	*5.96*		*"*	*5.32*		*112*	*25-200*			
Surrogate: M2-8:2 FTS	*5.73*		*"*	*5.37*		*107*	*25-200*			
Surrogate: M9PFNA	*1.33*		*"*	*1.40*		*94.9*	*25-150*			
Surrogate: M2-4:2 FTS	*5.76*		*"*	*5.25*		*110*	*25-150*			
Surrogate: d-N-MeFOSA	*1.31*		*"*	*2.80*		*46.9*	*25-150*			
Surrogate: d-N-EtFOSA	*1.04*		*"*	*2.80*		*37.1*	*25-150*			
Surrogate: M3HFPO-DA	*8.02*		*"*	*11.2*		*71.7*	*25-150*			
Surrogate: d9-N-EtFOSE	*14.7*		*"*	*28.0*		*52.7*	*25-150*			
Surrogate: d7-N-MeFOSE	*16.9*		*"*	*28.0*		*60.3*	*25-150*			

Batch BI41934 - EPA 1633 Prep

Blank (BI41934-BLK1) Blank Prepared: 09/30/2024 Analyzed: 10/03/2024

Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	2.00	"							
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"							
Perfluorooctanoic acid (PFOA)	ND	2.00	"							
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"							
Perfluorononanoic acid (PFNA)	ND	2.00	"							
Perfluorodecanoic acid (PFDA)	ND	2.00	"							
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"							
Perfluorododecanoic acid (PFDoA)	ND	2.00	"							
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"							
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"							
N-MeFOSAA	ND	2.00	"							
N-EtFOSAA	ND	2.00	"							
Perfluoropentanoic acid (PFPeA)	ND	4.00	"							
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"							
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"							
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"							
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"							
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	4.75	7.68	"							
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"							
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"							
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"							
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"							
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"							
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"							
HFPO-DA (Gen-X)	ND	8.00	"							
11CL-PF3OUdS	ND	7.56	"							

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41934 - EPA 1633 Prep											
Blank (BI41934-BLK1) Blank									Prepared: 09/30/2024 Analyzed: 10/03/2024		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*29.1*		"	*23.3*		*125*	*25-150*				
Surrogate: M5PFHxA	*26.3*		"	*25.0*		*105*	*25-150*				
Surrogate: M4PFHpA	*27.3*		"	*25.0*		*109*	*25-150*				
Surrogate: M3PFHxS	*29.5*		"	*23.7*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*28.2*		"	*25.0*		*113*	*25-150*				
Surrogate: M6PFDA	*13.2*		"	*12.5*		*106*	*25-150*				
Surrogate: M7PFUdA	*13.1*		"	*12.5*		*105*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.4*		"	*12.5*		*91.0*	*25-150*				
Surrogate: M2PFTeDA	*9.15*		"	*12.5*		*73.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.16*		"	*100*		*3.16*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*24.5*		"	*23.9*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*31.2*		"	*50.0*		*62.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.8*		"	*25.0*		*103*	*10-150*				
Surrogate: d3-N-MeFOSAA	*52.9*		"	*50.0*		*106*	*25-150*				
Surrogate: d5-N-EtFOSAA	*60.1*		"	*50.0*		*120*	*25-150*				
Surrogate: M2-6:2 FTS	*52.0*		"	*47.5*		*109*	*25-200*				
Surrogate: M2-8:2 FTS	*51.0*		"	*48.0*		*106*	*25-200*				
Surrogate: M9PFNA	*12.1*		"	*12.5*		*96.8*	*25-150*				
Surrogate: M2-4:2 FTS	*59.7*		"	*46.9*		*127*	*25-150*				
Surrogate: d-N-MeFOSA	*25.5*		"	*25.0*		*102*	*25-150*				
Surrogate: d-N-EtFOSA	*17.3*		"	*25.0*		*69.2*	*25-150*				
Surrogate: M3HFPO-DA	*95.9*		"	*100*		*95.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*190*		"	*250*		*76.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*226*		"	*250*		*90.3*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41934 - EPA 1633 Prep											
LCS (BI41934-BS1) LCS								Prepared: 09/30/2024 Analyzed: 10/03/2024			
Perfluorobutanesulfonic acid (PFBS)	34.8	1.77	ng/L	35.4		98.3	50-150				
Perfluorohexanoic acid (PFHxA)	42.7	2.00	"	40.0		107	50-150				
Perfluoroheptanoic acid (PFHpA)	41.1	2.00	"	40.0		103	50-150				
Perfluorohexanesulfonic acid (PFHxS)	40.3	1.83	"	36.6		110	50-150				
Perfluorooctanoic acid (PFOA)	42.4	2.00	"	40.0		106	50-150				
Perfluorooctanesulfonic acid (PFOS)	38.9	1.86	"	37.2		105	50-150				
Perfluorononanoic acid (PFNA)	45.0	2.00	"	40.0		112	50-150				
Perfluorodecanoic acid (PFDA)	41.3	2.00	"	40.0		103	50-150				
Perfluoroundecanoic acid (PFUnA)	41.8	2.00	"	40.0		105	50-150				
Perfluorododecanoic acid (PFDoA)	33.6	2.00	"	40.0		84.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	44.8	2.00	"	40.0		112	50-150				
Perfluorotetradecanoic acid (PFTA)	47.7	2.00	"	40.0		119	50-150				
N-MeFOSAA	36.5	2.00	"	40.0		91.3	50-150				
N-EtFOSAA	37.6	2.00	"	40.0		93.9	50-150				
Perfluoropentanoic acid (PFPeA)	80.3	4.00	"	80.0		100	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	39.2	2.00	"	40.0		98.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	41.0	1.91	"	38.2		107	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	36.7	1.93	"	38.6		95.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	149	7.60	"	152		97.8	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	162	7.68	"	154		105	50-150				
Perfluoro-n-butanoic acid (PFBA)	153	8.00	"	160		95.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	73.3	3.56	"	71.2		103	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	93.9	4.00	"	80.0		117	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	19.0	4.00	"	80.0		23.8	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	96.1	4.00	"	80.0		120	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	40.1	1.88	"	37.6		107	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	147	7.50	"	150		98.3	50-150				
HFPO-DA (Gen-X)	82.8	8.00	"	80.0		104	50-150				
11CL-PF3OUdS	67.0	7.56	"	75.6		88.6	50-150				
9CL-PF3ONS	77.5	7.48	"	74.8		104	50-150				
ADONA	73.6	7.56	"	75.6		97.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	30.3	1.94	"	38.8		78.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	44.9	1.92	"	38.4		117	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	117	5.00	"	160		73.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	920	25.0	"	800		115	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	901	25.0	"	800		113	50-150				
N-MeFOSE	364	20.0	"	400		91.0	50-150				
N-MeFOSA	48.0	2.00	"	40.0		120	50-150				
N-EtFOSE	397	20.0	"	400		99.2	50-150				
N-EtFOSA	35.6	2.00	"	40.0		88.9	50-150				
Surrogate: M3PFBS	*26.6*		"	*23.3*		*114*	*25-150*				
Surrogate: M5PFHxA	*26.9*		"	*25.0*		*108*	*25-150*				
Surrogate: M4PFHpA	*29.4*		"	*25.0*		*117*	*25-150*				
Surrogate: M3PFHxS	*27.0*		"	*23.7*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*28.9*		"	*25.0*		*115*	*25-150*				
Surrogate: M6PFDA	*12.4*		"	*12.5*		*99.6*	*25-150*				
Surrogate: M7PFUdA	*12.5*		"	*12.5*		*99.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.5*		"	*12.5*		*92.1*	*25-150*				
Surrogate: M2PFTeDA	*9.53*		"	*12.5*		*76.2*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41934 - EPA 1633 Prep											
LCS (BI41934-BS1) LCS								Prepared: 09/30/2024 Analyzed: 10/03/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.61*		*ng/L*	*100*		*5.61*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*25.0*		*"*	*23.9*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*44.6*		*"*	*50.0*		*89.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*26.4*		*"*	*25.0*		*106*	*10-150*				
Surrogate: d3-N-MeFOSAA	*51.5*		*"*	*50.0*		*103*	*25-150*				
Surrogate: d5-N-EtFOSAA	*59.1*		*"*	*50.0*		*118*	*25-150*				
Surrogate: M2-6:2 FTS	*51.6*		*"*	*47.5*		*108*	*25-200*				
Surrogate: M2-8:2 FTS	*49.7*		*"*	*48.0*		*104*	*25-200*				
Surrogate: M9PFNA	*11.4*		*"*	*12.5*		*91.4*	*25-150*				
Surrogate: M2-4:2 FTS	*51.8*		*"*	*46.9*		*111*	*25-150*				
Surrogate: d-N-MeFOSA	*21.0*		*"*	*25.0*		*83.9*	*25-150*				
Surrogate: d-N-EtFOSA	*19.4*		*"*	*25.0*		*77.6*	*25-150*				
Surrogate: M3HFPO-DA	*118*		*"*	*100*		*118*	*25-150*				
Surrogate: d9-N-EtFOSE	*177*		*"*	*250*		*70.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*201*		*"*	*250*		*80.4*	*25-150*				
LCS (BI41934-BS2) LCS								Prepared: 09/30/2024 Analyzed: 10/03/2024			
Perfluorobutanesulfonic acid (PFBS)	7.30	1.77	ng/L	7.08		103	50-150				
Perfluorohexanoic acid (PFHxA)	7.74	2.00	"	8.00		96.7	50-150				
Perfluoroheptanoic acid (PFHpA)	8.93	2.00	"	8.00		112	50-150				
Perfluorohexanesulfonic acid (PFHxS)	6.43	1.83	"	7.32		87.8	50-150				
Perfluorooctanoic acid (PFOA)	9.18	2.00	"	8.00		115	50-150				
Perfluorooctanesulfonic acid (PFOS)	7.65	1.86	"	7.44		103	50-150				
Perfluorononanoic acid (PFNA)	8.38	2.00	"	8.00		105	50-150				
Perfluorodecanoic acid (PFDA)	6.94	2.00	"	8.00		86.8	50-150				
Perfluoroundecanoic acid (PFUnA)	8.69	2.00	"	8.00		109	50-150				
Perfluorododecanoic acid (PFDoA)	6.79	2.00	"	8.00		84.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	9.98	2.00	"	8.00		125	50-150				
Perfluorotetradecanoic acid (PFTA)	8.77	2.00	"	8.00		110	50-150				
N-MeFOSAA	8.59	2.00	"	8.00		107	50-150				
N-EtFOSAA	7.58	2.00	"	8.00		94.7	50-150				
Perfluoropentanoic acid (PFPeA)	16.0	4.00	"	16.0		99.9	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	7.09	2.00	"	8.00		88.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	8.61	1.91	"	7.64		113	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	7.26	1.93	"	7.72		94.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	33.7	7.60	"	30.4		111	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	30.6	7.68	"	30.7		99.5	50-150				
Perfluoro-n-butanoic acid (PFBA)	31.9	8.00	"	32.0		99.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	13.5	3.56	"	14.2		95.0	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	18.5	4.00	"	16.0		116	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	3.61	4.00	"	16.0		22.6	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	19.4	4.00	"	16.0		121	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	7.28	1.88	"	7.52		96.9	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	31.3	7.50	"	30.0		104	50-150				
HFPO-DA (Gen-X)	14.2	8.00	"	16.0		89.0	50-150				
11CL-PF3OUdS	13.1	7.56	"	15.1		86.6	50-150				
9CL-PF3ONS	15.5	7.48	"	15.0		104	50-150				
ADONA	15.1	7.56	"	15.1		99.6	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41934 - EPA 1633 Prep											
LCS (BI41934-BS2) LCS								Prepared: 09/30/2024 Analyzed: 10/03/2024			
Perfluorododecanesulfonic acid (PFDoS)	6.46	1.94	ng/L	7.76		83.3	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	8.57	1.92	"	7.68		112	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	21.4	5.00	"	32.0		66.7	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	171	25.0	"	160		107	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	165	25.0	"	160		103	50-150				
N-MeFOSE	80.4	20.0	"	80.0		101	50-150				
N-MeFOSA	8.69	2.00	"	8.00		109	50-150				
N-EtFOSE	81.0	20.0	"	80.0		101	50-150				
N-EtFOSA	7.89	2.00	"	8.00		98.6	50-150				
Surrogate: M3PFBS	*32.6*		*"*	*23.3*		*140*	*25-150*				
Surrogate: M5PFHxA	*37.7*		*"*	*25.0*		*151*	*25-150*				
Surrogate: M4PFHpA	*35.5*		*"*	*25.0*		*142*	*25-150*				
Surrogate: M3PFHxS	*33.7*		*"*	*23.7*		*142*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.7*		*"*	*25.0*		*135*	*25-150*				
Surrogate: M6PFDA	*16.3*		*"*	*12.5*		*130*	*25-150*				
Surrogate: M7PFUdA	*16.3*		*"*	*12.5*		*131*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.4*		*"*	*12.5*		*115*	*25-150*				
Surrogate: M2PFTeDA	*10.4*		*"*	*12.5*		*82.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.53*		*"*	*100*		*6.53*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*33.4*		*"*	*23.9*		*139*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*56.1*		*"*	*50.0*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*39.0*		*"*	*25.0*		*156*	*10-150*				
Surrogate: d3-N-MeFOSAA	*73.1*		*"*	*50.0*		*146*	*25-150*				
Surrogate: d5-N-EtFOSAA	*81.2*		*"*	*50.0*		*162*	*25-150*				
Surrogate: M2-6:2 FTS	*59.4*		*"*	*47.5*		*125*	*25-200*				
Surrogate: M2-8:2 FTS	*64.2*		*"*	*48.0*		*134*	*25-200*				
Surrogate: M9PFNA	*17.3*		*"*	*12.5*		*138*	*25-150*				
Surrogate: M2-4:2 FTS	*64.7*		*"*	*46.9*		*138*	*25-150*				
Surrogate: d-N-MeFOSA	*29.3*		*"*	*25.0*		*117*	*25-150*				
Surrogate: d-N-EtFOSA	*25.9*		*"*	*25.0*		*104*	*25-150*				
Surrogate: M3HFPO-DA	*151*		*"*	*100*		*151*	*25-150*				
Surrogate: d9-N-EtFOSE	*250*		*"*	*250*		*99.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*260*		*"*	*250*		*104*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41569 - EPA SW846-3510C Low Level											
Blank (BI41569-BLK1) Blank								Prepared & Analyzed: 09/25/2024			
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.0992*		*"*	*0.200*		*49.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.120*		*"*	*0.200*		*60.0*	*30-150*				
LCS (BI41569-BS1) LCS								Prepared & Analyzed: 09/25/2024			
4,4'-DDD [2C]	0.0797	0.00400	ug/L	0.100		79.7	40-140			20	
4,4'-DDE	0.0672	0.00400	"	0.100		67.2	40-140			20	
4,4'-DDT	0.0946	0.00400	"	0.100		94.6	40-140			20	
Aldrin	0.0478	0.00400	"	0.100		47.8	40-140			20	
alpha-BHC	0.0742	0.00400	"	0.100		74.2	40-140			20	
alpha-Chlordane	0.0617	0.00400	"	0.100		61.7	40-140			20	
beta-BHC	0.0865	0.00400	"	0.100		86.5	40-140			20	
delta-BHC	0.0808	0.00400	"	0.100		80.8	40-140			20	
Dieldrin	0.0713	0.00200	"	0.100		71.3	40-140			20	
Endosulfan I	0.0711	0.00400	"	0.100		71.1	40-140			20	
Endosulfan II	0.0821	0.00400	"	0.100		82.1	40-140			20	
Endosulfan sulfate	0.0794	0.00400	"	0.100		79.4	40-140			20	
Endrin	0.0819	0.00400	"	0.100		81.9	40-140			20	
Endrin aldehyde	0.101	0.0100	"	0.100		101	40-140			20	
Endrin ketone [2C]	0.0879	0.0100	"	0.100		87.9	40-140			20	
gamma-BHC (Lindane)	0.0798	0.00400	"	0.100		79.8	40-140			20	
gamma-Chlordane	0.0649	0.0100	"	0.100		64.9	40-140			20	
Heptachlor	0.0641	0.00400	"	0.100		64.1	40-140			20	
Heptachlor epoxide	0.0731	0.00400	"	0.100		73.1	40-140			20	
Methoxychlor	0.0923	0.00400	"	0.100		92.3	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0904*		*"*	*0.200*		*45.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.108*		*"*	*0.200*		*54.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41569 - EPA SW846-3510C Low Level											
LCS Dup (BI41569-BSD1) LCS Dup							Prepared & Analyzed: 09/25/2024				
4,4'-DDD [2C]	0.0879	0.00400	ug/L	0.100		87.9	40-140		9.76	20	
4,4'-DDE	0.0727	0.00400	"	0.100		72.7	40-140		7.80	20	
4,4'-DDT	0.0956	0.00400	"	0.100		95.6	40-140		1.04	20	
Aldrin	0.0526	0.00400	"	0.100		52.6	40-140		9.66	20	
alpha-BHC	0.0780	0.00400	"	0.100		78.0	40-140		5.02	20	
alpha-Chlordane	0.0676	0.00400	"	0.100		67.6	40-140		9.00	20	
beta-BHC	0.0911	0.00400	"	0.100		91.1	40-140		5.17	20	
delta-BHC	0.0844	0.00400	"	0.100		84.4	40-140		4.32	20	
Dieldrin	0.0767	0.00200	"	0.100		76.7	40-140		7.35	20	
Endosulfan I	0.0764	0.00400	"	0.100		76.4	40-140		7.18	20	
Endosulfan II	0.0853	0.00400	"	0.100		85.3	40-140		3.72	20	
Endosulfan sulfate	0.0844	0.00400	"	0.100		84.4	40-140		6.12	20	
Endrin	0.0874	0.00400	"	0.100		87.4	40-140		6.49	20	
Endrin aldehyde	0.105	0.0100	"	0.100		105	40-140		4.16	20	
Endrin ketone [2C]	0.0965	0.0100	"	0.100		96.5	40-140		9.25	20	
gamma-BHC (Lindane)	0.0844	0.00400	"	0.100		84.4	40-140		5.63	20	
gamma-Chlordane	0.0711	0.0100	"	0.100		71.1	40-140		9.08	20	
Heptachlor	0.0700	0.00400	"	0.100		70.0	40-140		8.89	20	
Heptachlor epoxide	0.0792	0.00400	"	0.100		79.2	40-140		7.96	20	
Methoxychlor	0.0971	0.00400	"	0.100		97.1	40-140		5.08	20	
Surrogate: Decachlorobiphenyl	*0.0873*		*"*	*0.200*		*43.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0365*		*"*	*0.200*		*18.2*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41569 - EPA SW846-3510C Low Level											
Blank (BI41569-BLK2) Blank								Prepared & Analyzed: 09/25/2024			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0930*		"	*0.200*		*46.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.141*		"	*0.200*		*70.5*	*30-150*				
LCS (BI41569-BS2) LCS								Prepared & Analyzed: 09/25/2024			
Aroclor 1016	0.599	0.0500	ug/L	1.00		59.9	40-120			20	
Aroclor 1260	0.747	0.0500	"	1.00		74.7	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.0760*		"	*0.200*		*38.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0990*		"	*0.200*		*49.5*	*30-150*				
LCS Dup (BI41569-BSD2) LCS Dup								Prepared & Analyzed: 09/25/2024			
Aroclor 1016	0.612	0.0500	ug/L	1.00		61.2	40-120		2.11	20	
Aroclor 1260	0.736	0.0500	"	1.00		73.6	40-120		1.56	20	
Surrogate: Tetrachloro-m-xylene	*0.0900*		"	*0.200*		*45.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.117*		"	*0.200*		*58.5*	*30-150*				
Batch BI41607 - EPA 3550C											
Blank (BI41607-BLK2) Blank								Prepared: 09/25/2024 Analyzed: 09/26/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0631*		"	*0.0664*		*95.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0492*		"	*0.0664*		*74.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41607 - EPA 3550C											
LCS (BI41607-BS2) LCS								Prepared: 09/25/2024 Analyzed: 09/26/2024			
Aroclor 1016	0.360	0.0166	mg/kg wet	0.332		108	40-130				
Aroclor 1260	0.389	0.0166	"	0.332		117	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0674*		"	*0.0664*		*102*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0528*		"	*0.0664*		*79.5*	*30-120*				
Matrix Spike (BI41607-MS2) Matrix Spike *Source sample: 24I1448-01 (PE35_20.5)								Prepared: 09/25/2024 Analyzed: 09/26/2024			
Aroclor 1016	0.242	0.0186	mg/kg dry	0.372	ND	65.0	40-140				
Aroclor 1260	0.238	0.0186	"	0.372	ND	64.0	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0417*		"	*0.0745*		*56.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0302*		"	*0.0745*		*40.5*	*30-120*				
Matrix Spike Dup (BI41607-M Matrix Spike Dup *Source sample: 24I1448-01 (PE35_20.5)								Prepared: 09/25/2024 Analyzed: 09/26/2024			
Aroclor 1016	0.449	0.0186	mg/kg dry	0.372	ND	121	40-140		60.0	50	Non-dir.
Aroclor 1260	0.469	0.0186	"	0.372	ND	126	40-140		65.2	50	Non-dir.
Surrogate: Tetrachloro-m-xylene	*0.0827*		"	*0.0745*		*111*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0633*		"	*0.0745*		*85.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41588 - EPA 3550C/8151A											
Blank (BI41588-BLK1) Blank								Prepared & Analyzed: 09/25/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.422*		*"*	*0.415*		*102*	*21-150*				
LCS (BI41588-BS1) LCS								Prepared & Analyzed: 09/25/2024			
2,4,5-T	0.0681	0.0199	mg/kg wet	0.0664		102	10-120				
2,4,5-TP (Silvex)	0.0681	0.0199	"	0.0664		102	10-120				
2,4-D	0.0731	0.0199	"	0.0664		110	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.385*		*"*	*0.415*		*92.6*	*21-150*				
Batch BI41610 - EPA 3550C/8151A											
Blank (BI41610-BLK1) Blank								Prepared: 09/25/2024 Analyzed: 09/26/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.415*		*"*	*0.415*		*100*	*21-150*				
LCS (BI41610-BS1) LCS								Prepared: 09/25/2024 Analyzed: 09/26/2024			
2,4,5-T	0.0648	0.0199	mg/kg wet	0.0664		97.5	10-120				
2,4,5-TP (Silvex)	0.0648	0.0199	"	0.0664		97.5	10-120				
2,4-D	0.0714	0.0199	"	0.0664		108	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.441*		*"*	*0.415*		*106*	*21-150*				
Matrix Spike (BI41610-MS1) Matrix Spike *Source sample: 24I1448-01 (PE35_20.5)								Prepared: 09/25/2024 Analyzed: 09/26/2024			
2,4,5-T	0.0680	0.0223	mg/kg dry	0.0745	ND	91.2	10-120				
2,4,5-TP (Silvex)	0.0670	0.0223	"	0.0745	ND	90.0	10-120				
2,4-D	0.0894	0.0223	"	0.0745	ND	120	10-118	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.426*		*"*	*0.465*		*91.6*	*21-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41610 - EPA 3550C/8151A											
Matrix Spike Dup (BI41610-M Matrix Spike Dup	*Source sample: 24I1448-01 (PE35_20.5)								Prepared: 09/25/2024 Analyzed: 09/26/2024		
2,4,5-T	0.0642	0.0223	mg/kg dry	0.0745	ND	86.2	10-120		5.63	35	
2,4,5-TP (Silvex)	0.0661	0.0223	"	0.0745	ND	88.8	10-120		1.40	35	
2,4-D	0.0875	0.0223	"	0.0745	ND	118	10-118		2.11	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.418*		*"*	*0.465*		*89.8*	*21-150*				
Batch BI41667 - EPA 8151A											
Blank (BI41667-BLK1) Blank									Prepared: 09/26/2024 Analyzed: 09/27/2024		
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*74.8*		*"*	*125*		*59.8*	*30-150*				
LCS (BI41667-BS1) LCS									Prepared: 09/26/2024 Analyzed: 09/27/2024		
2,4,5-T	17.5	5.00	ug/L	20.0		87.5	10-140				
2,4,5-TP (Silvex)	17.5	5.00	"	20.0		87.5	10-139				
2,4-D	17.2	5.00	"	20.0		86.2	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*103*		*"*	*125*		*82.2*	*30-150*				
LCS Dup (BI41667-BSD1) LCS Dup									Prepared: 09/26/2024 Analyzed: 09/27/2024		
2,4,5-T	14.5	5.00	ug/L	20.0		72.5	10-140		18.8	30	
2,4,5-TP (Silvex)	17.0	5.00	"	20.0		85.0	10-139		2.90	30	
2,4-D	18.0	5.00	"	20.0		90.0	10-140		4.26	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*109*		*"*	*125*		*87.2*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41627 - EPA 3050B											
Blank (BI41627-BLK1) Blank									Prepared: 09/25/2024 Analyzed: 09/27/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	9.68	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	29.5	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BI41627-DUP1) Duplicate *Source sample: 24I1448-01 (PE35_20.5)									Prepared: 09/25/2024 Analyzed: 09/27/2024		
Aluminum	7610	4.67	mg/kg dry		8160				6.95	35	
Antimony	ND	2.33	"		ND					35	
Arsenic	1.77	1.40	"		1.77				0.00	35	
Barium	11.2	2.33	"		11.7				4.15	35	
Beryllium	ND	0.047	"		ND					35	
Cadmium	ND	0.280	"		ND					35	
Calcium	692	4.67	"		718				3.64	35	
Chromium	13.6	0.467	"		14.6				7.22	35	
Cobalt	3.91	0.373	"		4.47				13.4	35	
Copper	9.02	1.87	"		9.59				6.12	35	
Iron	7950	23.3	"		9160				14.1	35	
Lead	7.26	0.467	"		6.85				5.83	35	
Magnesium	1590	4.67	"		1970				21.1	35	
Manganese	44.4	0.467	"		53.3				18.2	35	
Nickel	14.7	0.930	"		16.9				13.7	35	
Potassium	334	4.67	"		314				6.07	35	
Selenium	ND	2.33	"		ND					35	
Silver	ND	0.471	"		ND					35	
Sodium	47.3	46.7	"		49.3				4.00	35	
Thallium	ND	2.33	"		ND					35	
Vanadium	16.9	0.930	"		18.7				10.1	35	
Zinc	29.8	2.33	"		32.2				7.56	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41627 - EPA 3050B											
Matrix Spike (BI41627-MS1) Matrix Spike	*Source sample: 24I1448-01 (PE35_20.5)							Prepared: 09/25/2024 Analyzed: 09/27/2024			
Aluminum	7690	4.67	mg/kg dry	224	8160	NR	75-125	Low Bias			
Antimony	9.51	2.33	"	28.0	ND	33.9	75-125	Low Bias			
Arsenic	191	1.40	"	224	1.77	84.5	75-125				
Barium	217	2.33	"	224	11.7	91.4	75-125				
Beryllium	5.07	0.047	"	5.60	ND	90.5	75-125				
Cadmium	4.87	0.280	"	5.60	ND	86.8	75-125				
Calcium	675	4.67	"	112	718	NR	75-125	Low Bias			
Chromium	34.4	0.467	"	22.4	14.6	88.1	75-125				
Cobalt	54.5	0.373	"	56.0	4.47	89.3	75-125				
Copper	36.2	1.87	"	28.0	9.59	95.1	75-125				
Iron	8750	23.3	"	112	9160	NR	75-125	Low Bias			
Lead	55.4	0.467	"	56.0	6.85	86.7	75-125				
Magnesium	1700	4.67	"	112	1970	NR	75-125	Low Bias			
Manganese	96.7	0.467	"	56.0	53.3	77.5	75-125				
Nickel	65.5	0.930	"	56.0	16.9	86.7	75-125				
Potassium	415	4.67	"	112	314	89.4	75-125				
Selenium	181	2.33	"	224	ND	80.7	75-125				
Silver	4.71	0.471	"	5.60	ND	84.0	75-125				
Sodium	131	46.7	"	112	49.3	73.0	75-125	Low Bias			
Thallium	194	2.33	"	224	ND	86.5	75-125				
Vanadium	65.8	0.930	"	56.0	18.7	84.0	75-125				
Zinc	77.5	2.33	"	56.0	32.2	80.9	75-125				
Post Spike (BI41627-PS1) Post Spike	*Source sample: 24I1448-01 (PE35_20.5)							Prepared: 09/25/2024 Analyzed: 09/27/2024			
Aluminum	87.8		ug/mL	2.00	87.3	23.4	75-125	Low Bias			
Antimony	0.260		"	0.250	-0.014	104	75-125				
Arsenic	2.02		"	2.00	0.019	99.8	75-125				
Barium	2.24		"	2.00	0.125	106	75-125				
Beryllium	0.053		"	0.0500	-0.0001	106	75-125				
Cadmium	0.051		"	0.0500	0.00	102	75-125				
Calcium	8.39		"	1.00	7.69	70.1	75-125	Low Bias			
Chromium	0.360		"	0.200	0.156	102	75-125				
Cobalt	0.573		"	0.500	0.048	105	75-125				
Copper	0.377		"	0.250	0.103	110	75-125				
Iron	97.9		"	1.00	98.1	NR	75-125	Low Bias			
Lead	0.584		"	0.500	0.073	102	75-125				
Magnesium	21.6		"	1.00	21.0	52.5	75-125	Low Bias			
Manganese	1.08		"	0.500	0.570	102	75-125				
Nickel	0.696		"	0.500	0.181	103	75-125				
Potassium	4.40		"	1.00	3.37	103	75-125				
Selenium	1.92		"	2.00	0.004	95.7	75-125				
Silver	0.051		"	0.0500	-0.0003	102	75-125				
Sodium	1.42		"	1.00	0.527	89.6	75-125				
Thallium	2.03		"	2.00	-0.010	102	75-125				
Vanadium	0.709		"	0.500	0.200	102	75-125				
Zinc	0.850		"	0.500	0.344	101	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41627 - EPA 3050B											
Reference (BI41627-SRM1) Reference									Prepared: 09/25/2024 Analyzed: 09/27/2024		
Aluminum	5650	4.17	mg/kg wet	7680		73.6	35.7-119				
Antimony	63.1	2.08	"	244		25.9	0-99.5				
Arsenic	239	1.25	"	283		84.3	69.9-101.4				
Barium	301	2.08	"	326		92.3	73.9-107.1				
Beryllium	169	0.042	"	175		96.5	75.4-107.4				
Cadmium	86.1	0.250	"	95.8		89.9	72.3-103.7				
Calcium	5010	4.17	"	5470		91.5	79.5-113.2				
Chromium	215	0.417	"	239		90.0	72.4-106.3				
Cobalt	141	0.333	"	150		94.1	76-107.3				
Copper	209	1.67	"	217		96.4	74.7-105.1				
Iron	6200	20.8	"	7360		84.2	53-127.9				
Lead	193	0.417	"	210		92.1	75.7-109.5				
Magnesium	1750	4.17	"	2080		84.3	67.3-111.1				
Manganese	250	0.417	"	290		86.2	73.4-108.3				
Nickel	303	0.830	"	329		92.0	74.5-106.7				
Potassium	1650	4.17	"	2330		71.0	60.9-111.6				
Selenium	267	2.08	"	281		95.0	77.6-116.7				
Silver	70.0	0.420	"	82.7		84.6	73.7-111.7				
Sodium	354	41.7	"	427		82.9	71.2-118.7				
Thallium	108	2.08	"	123		88.1	70.2-104.8				
Vanadium	167	0.830	"	192		86.9	68.8-107.8				
Zinc	236	2.08	"	260		90.6	72.7-109.2				
Batch BI41719 - EPA 3050B											
Blank (BI41719-BLK1) Blank									Prepared: 09/26/2024 Analyzed: 09/27/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	26.8	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41719 - EPA 3050B											
Reference (BI41719-SRM1) Reference								Prepared: 09/26/2024 Analyzed: 09/27/2024			
Aluminum	5590	4.17	mg/kg wet	7680		72.8	35.7-119				
Antimony	81.9	2.08	"	244		33.6	0-99.5				
Arsenic	251	1.25	"	283		88.8	69.9-101.4				
Barium	324	2.08	"	326		99.3	73.9-107.1				
Beryllium	180	0.042	"	175		103	75.4-107.4				
Cadmium	87.6	0.250	"	95.8		91.5	72.3-103.7				
Calcium	5440	4.17	"	5470		99.5	79.5-113.2				
Chromium	232	0.417	"	239		97.2	72.4-106.3				
Cobalt	150	0.333	"	150		99.8	76-107.3				
Copper	226	1.67	"	217		104	74.7-105.1				
Iron	6360	20.8	"	7360		86.4	53-127.9				
Lead	206	0.417	"	210		97.9	75.7-109.5				
Magnesium	1740	4.17	"	2080		83.7	67.3-111.1				
Manganese	337	0.417	"	290		116	73.4-108.3	High Bias			
Nickel	320	0.830	"	329		97.2	74.5-106.7				
Potassium	1660	4.17	"	2330		71.1	60.9-111.6				
Selenium	279	2.08	"	281		99.4	77.6-116.7				
Silver	78.2	0.420	"	82.7		94.5	73.7-111.7				
Sodium	348	41.7	"	427		81.5	71.2-118.7				
Thallium	110	2.08	"	123		89.8	70.2-104.8				
Vanadium	184	0.830	"	192		95.9	68.8-107.8				
Zinc	244	2.08	"	260		94.0	72.7-109.2				
Batch BI41774 - EPA 3015A											
Blank (BI41774-BLK1) Blank								Prepared: 09/27/2024 Analyzed: 09/30/2024			
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	0.195	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41774 - EPA 3015A											
LCS (BI41774-BS1) LCS									Prepared: 09/27/2024 Analyzed: 09/30/2024		
Aluminum	2.08		ug/mL	2.00		104	80-120				
Barium	2.06		"	2.00		103	80-120				
Calcium	0.941		"	1.00		94.1	80-120				
Chromium	0.205		"	0.200		103	80-120				
Cobalt	0.515		"	0.500		103	80-120				
Copper	0.285		"	0.250		114	80-120				
Iron	1.02		"	1.00		102	80-120				
Lead	0.500		"	0.500		100	80-120				
Magnesium	1.04		"	1.00		104	80-120				
Manganese	0.512		"	0.500		102	80-120				
Nickel	0.523		"	0.500		105	80-120				
Potassium	0.812		"	1.00		81.2	80-120				
Silver	0.0495		"	0.0500		99.0	80-120				
Sodium	1.07		"	1.00		107	80-120				
Vanadium	0.508		"	0.500		102	80-120				
Zinc	0.508		"	0.500		102	80-120				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41679 - EPA 3015A											
Blank (BI41679-BLK1) Blank								Prepared & Analyzed: 09/26/2024			
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.000333	"								
Cadmium	ND	0.000556	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BI41679-BS1) LCS								Prepared & Analyzed: 09/26/2024			
Antimony	50.1		ug/L	50.0		100	80-120				
Arsenic	53.4		"	50.0		107	80-120				
Beryllium	48.3		"	50.0		96.5	80-120				
Cadmium	51.1		"	50.0		102	80-120				
Selenium	49.2		"	50.0		98.4	80-120				
Thallium	48.4		"	50.0		96.9	80-120				
Duplicate (BI41679-DUP1) Duplicate *Source sample: 24I1448-08 (FB_09242024)								Prepared & Analyzed: 09/26/2024			
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	ND	0.00111	"		ND					20	
Beryllium	ND	0.000333	"		ND					20	
Cadmium	ND	0.000556	"		ND					20	
Selenium	ND	0.00111	"		ND					20	
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BI41679-MS1) Matrix Spike *Source sample: 24I1448-08 (FB_09242024)								Prepared & Analyzed: 09/26/2024			
Antimony	48.4		ug/L	50.0	-0.637	96.8	75-125				
Arsenic	54.1		"	50.0	0.017	108	75-125				
Beryllium	47.3		"	50.0	0.013	94.5	75-125				
Cadmium	49.0		"	50.0	0.019	98.0	75-125				
Selenium	48.1		"	50.0	0.584	94.9	75-125				
Thallium	49.3		"	50.0	0.017	98.6	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41578 - EPA SW846-7470A												
Blank (BI41578-BLK1)	Blank								Prepared & Analyzed: 09/25/2024			
Mercury		ND	0.0002	mg/L								
Blank (BI41578-BLK2)	Blank								Prepared & Analyzed: 09/25/2024			
Mercury		ND	0.0002	mg/L								
LCS (BI41578-BS1)	LCS								Prepared & Analyzed: 09/25/2024			
Mercury		0.0018849	0.0002	mg/L	0.00200		94.2	80-120				
LCS (BI41578-BS2)	LCS								Prepared & Analyzed: 09/25/2024			
Mercury		0.0020083	0.0002	mg/L	0.00200		100	80-120				
Batch BI41614 - EPA 7473 soil												
Blank (BI41614-BLK1)	Blank								Prepared: 09/25/2024 Analyzed: 09/26/2024			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BI41614-DUP1)	Duplicate	*Source sample: 24I1448-01 (PE35_20.5)							Prepared: 09/25/2024 Analyzed: 09/26/2024			
Mercury		ND	0.0336	mg/kg dry		0.234					35	
Matrix Spike (BI41614-MS1)	Matrix Spike	*Source sample: 24I1448-01 (PE35_20.5)							Prepared: 09/25/2024 Analyzed: 09/26/2024			
Mercury		0.485		mg/kg	0.500	0.209	55.2	75-125	Low Bias			
Reference (BI41614-SRM1)	Reference								Prepared: 09/25/2024 Analyzed: 09/26/2024			
Mercury		15.352		mg/kg	18.2		84.4	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41555 - Analysis Preparation												
Blank (BI41555-BLK1)	Blank								Prepared & Analyzed: 09/24/2024			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BI41555-BS1)	LCS								Prepared & Analyzed: 09/24/2024			
Chromium, Hexavalent		0.471	0.0100	mg/L	0.500		94.2	85-115				
Duplicate (BI41555-DUP1)	Duplicate	*Source sample: 24I1448-08 (FB_09242024)							Prepared & Analyzed: 09/24/2024			
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BI41555-MS1)	Matrix Spike	*Source sample: 24I1448-08 (FB_09242024)							Prepared & Analyzed: 09/24/2024			
Chromium, Hexavalent		0.491	0.0100	mg/L	0.500	ND	98.2	85-115				
Matrix Spike Dup (BI41555-M	Matrix Spike Dup	*Source sample: 24I1448-08 (FB_09242024)							Prepared & Analyzed: 09/24/2024			
Chromium, Hexavalent		0.514	0.0100	mg/L	0.500	ND	103	85-115		4.58	200	
Batch BI41560 - Analysis Preparation Soil												
Blank (BI41560-BLK1)	Blank								Prepared & Analyzed: 09/25/2024			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BI41560-DUP1)	Duplicate	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
Cyanide, total		ND	0.560	mg/kg dry		ND					15	
Matrix Spike (BI41560-MS1)	Matrix Spike	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
Cyanide, total		5.21	0.560	mg/kg dry	5.60	ND	93.0	79.6-107				
Matrix Spike Dup (BI41560-M	Matrix Spike Dup	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
Cyanide, total		5.83	0.560	mg/kg dry	5.60	ND	104	79.6-107		11.2	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41560 - Analysis Preparation Soil											
Reference (BI41560-SRM1) Reference								Prepared & Analyzed: 09/25/2024			
Cyanide, total	49.2		ug/mL	59.7		82.4	38.5-161.4				
Batch BI41629 - EPA SW846-3060											
Blank (BI41629-BLK1) Blank								Prepared & Analyzed: 09/25/2024			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BI41629-DUP1) Duplicate	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
Chromium, Hexavalent	ND	0.560	mg/kg dry		ND					35	
Matrix Spike (BI41629-MS1) Matrix Spike	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
Chromium, Hexavalent	12.9	0.560	mg/kg dry	22.4	ND	57.6	75-125	Low Bias			
Matrix Spike Dup (BI41629-M Matrix Spike Dup	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
Chromium, Hexavalent	14.8	0.560	mg/kg dry	22.4	ND	66.0	75-125	Low Bias	13.6	200	
Reference (BI41629-SRM1) Reference								Prepared & Analyzed: 09/25/2024			
Chromium, Hexavalent	200		mg/L	227		88.2	42.3-157.7				
Batch BI41669 - Analysis Preparation Soil											
Blank (BI41669-BLK1) Blank								Prepared & Analyzed: 09/26/2024			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BI41669-SRM1) Reference								Prepared & Analyzed: 09/26/2024			
Cyanide, total	60.1		ug/mL	59.7		101	38.5-161.4				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41709 - Analysis Preparation											
Blank (BI41709-BLK1) Blank									Prepared & Analyzed: 09/26/2024		
Cyanide, total	ND	0.0100	mg/L								
LCS (BI41709-BS1) LCS									Prepared & Analyzed: 09/26/2024		
Cyanide, total	0.105	0.0100	mg/L	0.100		105	80-120				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41570 - % Solids Prep											
Duplicate (BI41570-DUP1) Duplicate	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
% Solids	89.6	0.100	%		89.2				0.476	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I1448-01	PE35_20.5	40mL Vial with Stir Bar-Cool 4° C
24I1448-02	PE36_20	40mL Vial with Stir Bar-Cool 4° C
24I1448-03	PE43_21	40mL Vial with Stir Bar-Cool 4° C
24I1448-04	PE52_19.5	40mL Vial with Stir Bar-Cool 4° C
24I1448-05	PE60_19.5	40mL Vial with Stir Bar-Cool 4° C
24I1448-06	DUP_09242024	40mL Vial with Stir Bar-Cool 4° C
24I1448-08	FB_09242024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1448-09	TB_09242024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
S-08	The recovery of this surrogate was outside of QC limits.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference

Wet — The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24I1448

Page 1 of 1

Report To:
Company: LANGAN
Address: 300 Kimball Dr Parsippany, NJ 07054
Phone.: 973-560-4900
Contact: Lauren Kott
E-mail: lkott@langan.com

Invoice To:
Company:
Address: SAME
Phone.:
Contact:
E-mail:

YOUR Project Name / Number: 100688801 12096 Flatlands Ave

PO Number:

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Daniel Horvath

Matrix Codes
S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil
Other

Samples Collected From: NY X NJ CT PA Other: (please specify)

Turn-Around Time
RUSH - Next Day
RUSH - Two Day
RUSH - Three Day
RUSH - Four Day
RUSH - Five Day
Standard (6-9 Day) X
PFAS Standard 7-10 Day

Report Type (circle)
QA Report
Summary (Results Only)
NY ASP B Package
NJ Reduced
NJ DKQP
NJ Full
CT RCP

EDD Type (circle)
EQuIS (standard)
NYSDEC EQuIS
NJDEP SRP Haz Site
Standard Excel
CMDP
Other:

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)

Field Filtered
Lab Filtered

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	PCBs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp. G/C
PE35-20.5	09/24	1200	S	3									1	X	X	X	X	X	X	X	X	X	
PE36-20		1205		3									1										
PE43-21		1210		3									1										
PE52-19.5		1215		3									1										
PE60-19.5		1220		3									1										
DUP-09242024		1230		3									1										
EB-09242024		1400	AQ	2																X			
FB-09242024		1430	AQ	10	3		1		1					X	X	X	X	X	X	X	X	X	
TB-09242024					2									X									

Comments: Extra volume provided for PE35-20.5 for MS/MSD

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N
Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: Daniel Horvath/LANGAN — Date/Time: 09/24/24 1530	1. Samples Received by / Company: — Date/Time: 9/25/24 1535	2. Samples Relinquished by / Company: — Date/Time: 9/24/24 2010
2. Samples Received by / Company: — Date/Time:	3. Samples Relinquished by / Company: — Date/Time:	3. Samples Received by / Company: — Date/Time:
3. Samples Relinquished by / Company: — Date/Time:	4. Samples Received by / Company: — Date/Time:	Samples Received in LAB by: — Date/Time: 9/24/24 2010 — Temperature: 4.3 degrees C

Lauren Kott

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Friday, October 18, 2024 2:35 PM
To: Lauren Kott
Cc: Amanda Forsburg; Obligado, Andre A (DEC)
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Reuse On-Site Soil

Good Afternoon,

The Department has reviewed the reuse request of 200 cubic yards of on-site soil obtained from the eastern portion of 12096 Flatlands Ave, Brooklyn, NY. Based on the information provided, the request is hereby approved.

The proposed fill material meets the requirements for reuse of soil as specified in section 5.4(e)4 of DER-10. Therefore, this material may be used as backfill around excavated pile caps.

Testing in accordance with DER-10 and the Remedial Design Work Plan and approval by the Department is required for any additional material imported from this source.

Thanks,

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov |

From: Lauren Kott <lkott@langan.com>
Sent: Thursday, October 17, 2024 1:59 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Cc: aforsburg@langan.com; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>
Subject: 12096 Flatlands Avenue (C224290) Request to Reuse On-Site Soil

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Good afternoon Steven –

We have received more endpoint sample analytical results that meet the Track 2 RR SCOs and support the potential for soil reuse. The material will consist of soil excavated for pile cap construction that will be reused across the Site footprint as backfill around excavated pile caps.

Please let us know if you have any comments or questions.

Thank you!

Lauren Kott, PE
Project Engineer

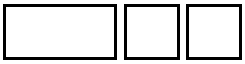
LANGAN

Direct: 973.560.4807
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Phone: 973.560.4900 Fax: 973.560.4901
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4th Floor
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NEW JERSEY NEW YORK CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC
OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA





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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? yes

How many cubic yards of soil will be imported/reused? 100-200

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Material consists of on-Site soil present in an approximately 4,500 square foot area in the eastern portion of the Site at or below the depth of the 15-foot remedial excavation. Refer to attached Figure Y for the proposed reuse source areas. The material is being excavated for the construction of pile cap forms. Excavated material will be staged in a stockpile segregated from other material and will be reused across the Site footprint to backfill excavations for pile cap construction. Analytical results for documentation soil samples were used to determine the proposed extent of reuse source areas including: PE-46, PE-47, PE-55, PE-63, and PE-71.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Results of the referenced samples meet the lower of the Track 2 Restricted Residential Restricted Use SCOs and the PGW SCOs and are shown on the attached Figure X. Laboratory packages are also attached.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Aldo Malomo - United Concrete (Foundation Contractor)

Location where fill was obtained:

12096 Flatlands Avenue, Brooklyn, NY

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

The site is actively being remediated in the NYS BCP.

Provide a list of supporting documentation included with this request:

Figure X - Analytical Results
Figure Y - Foundation Plan
Laboratory Packages

The information provided on this form is accurate and complete.



Signature

10/17/2024

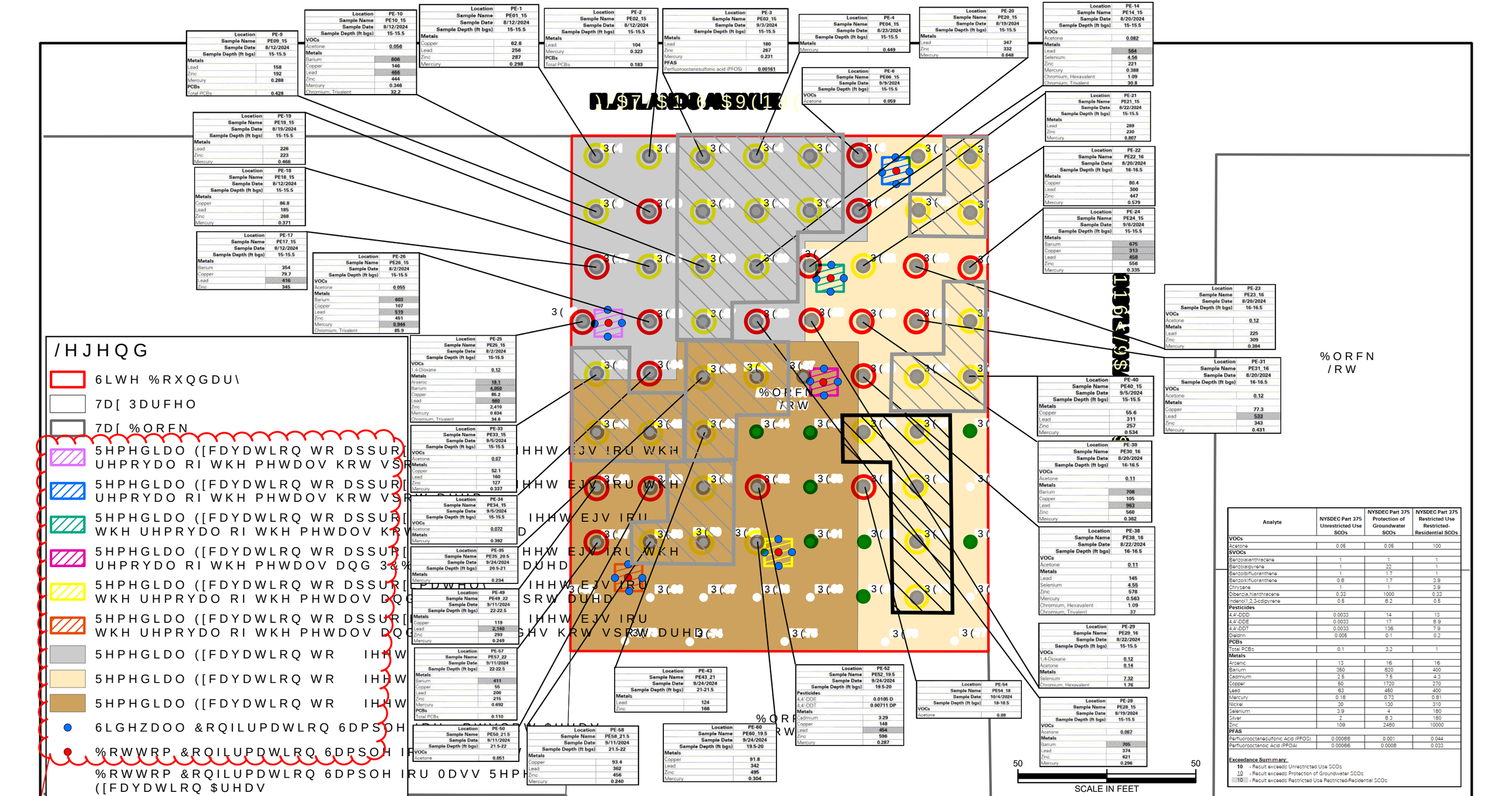
Date

Lauren Kott

Print Name

Langan

Firm



Location	PE-9
Sample Name	PE09_15
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	158
Zinc	192
Mercury	0.288
PCBs	
Total PCBs	0.428

Location	PE-10
Sample Name	PE10_15
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.056
Metals	
Barium	606
Copper	146
Lead	466
Zinc	444
Mercury	0.346
Chromium, Trivalent	32.2

Location	PE-1
Sample Name	PE01_15
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Copper	62.6
Lead	256
Zinc	287
Mercury	0.298

Location	PE-2
Sample Name	PE02_15
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	104
Mercury	0.323
PCBs	
Total PCBs	0.183

Location	PE-3
Sample Name	PE03_15
Sample Date	9/3/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	180
Zinc	267
Mercury	0.231
PFAS	
Perfluorooctanesulfonic acid (PFOS)	0.00161

Location	PE-4
Sample Name	PE04_15
Sample Date	8/23/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Mercury	0.449

Location	PE-20
Sample Name	PE20_15
Sample Date	8/19/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	347
Zinc	332
Mercury	0.648

Location	PE-14
Sample Name	PE14_15
Sample Date	8/20/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.082
Metals	
Lead	564
Selenium	4.56
Zinc	221
Mercury	0.388
Chromium, Hexavalent	1.09
Chromium, Trivalent	30.8

Location	PE-6
Sample Name	PE06_15
Sample Date	9/9/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.059

Location	PE-21
Sample Name	PE21_15
Sample Date	8/22/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	289
Zinc	230
Mercury	0.807

Location	PE-19
Sample Name	PE19_15
Sample Date	8/19/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Lead	226
Zinc	223
Mercury	0.466

Location	PE-22
Sample Name	PE22_16
Sample Date	8/20/2024
Sample Depth (ft bgs)	16-16.5
Metals	
Copper	80.4
Lead	300
Zinc	447
Mercury	0.579

Location	PE-18
Sample Name	PE18_15
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Copper	86.8
Lead	185
Zinc	268
Mercury	0.371

Location	PE-24
Sample Name	PE24_15
Sample Date	9/6/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Barium	675
Copper	313
Lead	458
Zinc	556
Mercury	0.335

Location	PE-17
Sample Name	PE17_15
Sample Date	8/12/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Barium	354
Copper	79.7
Lead	416
Zinc	345

Location	PE-26
Sample Name	PE26_15
Sample Date	8/2/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.055
Metals	
Barium	603
Copper	107
Lead	519
Zinc	451
Mercury	0.944
Chromium, Trivalent	85.9

Location	PE-23
Sample Name	PE23_16
Sample Date	8/20/2024
Sample Depth (ft bgs)	16-16.5
VOCs	
Acetone	0.12
Metals	
Lead	225
Zinc	309
Mercury	0.384

Location	PE-40
Sample Name	PE40_15
Sample Date	9/5/2024
Sample Depth (ft bgs)	15-15.5
Metals	
Copper	55.6
Lead	311
Zinc	257
Mercury	0.534

Location	PE-31
Sample Name	PE31_16
Sample Date	8/20/2024
Sample Depth (ft bgs)	16-16.5
VOCs	
Acetone	0.12
Metals	
Copper	77.3
Lead	533
Zinc	343
Mercury	0.431

Location	PE-25
Sample Name	PE25_15
Sample Date	8/2/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
1,4-Dioxane	0.12
Metals	
Arsenic	18.1
Barium	4,050
Copper	85.2
Lead	660
Zinc	2,410
Mercury	0.634
Chromium, Trivalent	34.6

Location	PE-33
Sample Name	PE33_15
Sample Date	9/5/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.07
Metals	
Copper	52.1
Lead	160
Zinc	127
Mercury	0.337

Location	PE-30
Sample Name	PE30_16
Sample Date	8/20/2024
Sample Depth (ft bgs)	16-16.5
VOCs	
Acetone	0.11
Metals	
Barium	708
Copper	105
Lead	963
Zinc	560
Mercury	0.382

Location	PE-34
Sample Name	PE34_15
Sample Date	9/5/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.072
Metals	
Mercury	0.392

Location	PE-38
Sample Name	PE38_16
Sample Date	8/22/2024
Sample Depth (ft bgs)	16-16.5
VOCs	
Acetone	0.11
Metals	
Lead	145
Selenium	4.55
Zinc	578
Mercury	0.563
Chromium, Hexavalent	1.09
Chromium, Trivalent	37

Location	PE-35
Sample Name	PE35_20.5
Sample Date	9/24/2024
Sample Depth (ft bgs)	20.5-21
Metals	
Mercury	0.234

Location	PE-29
Sample Name	PE29_16
Sample Date	8/22/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
1,4-Dioxane	0.12
Acetone	0.14
Metals	
Selenium	7.32
Chromium, Hexavalent	1.76

Location	PE-49
Sample Name	PE49_22
Sample Date	9/11/2024
Sample Depth (ft bgs)	22-22.5
Metals	
Copper	119
Lead	2,140
Zinc	293
Mercury	0.249

Location	PE-28
Sample Name	PE28_15
Sample Date	8/19/2024
Sample Depth (ft bgs)	15-15.5
VOCs	
Acetone	0.067
Metals	
Barium	705
Lead	374
Zinc	621
Mercury	0.296

Location	PE-57
Sample Name	PE57_22
Sample Date	9/11/2024
Sample Depth (ft bgs)	22-22.5
Metals	
Barium	411
Copper	55
Lead	206
Zinc	215
Mercury	0.692
PCBs	
Total PCBs	0.110

Location	PE-43
Sample Name	PE43_21
Sample Date	9/24/2024
Sample Depth (ft bgs)	21-21.5
Metals	
Lead	124
Zinc	166

Location	PE-52
Sample Name	PE52_19.5
Sample Date	9/24/2024
Sample Depth (ft bgs)	19.5-20
Pesticides	
4,4'-DDE	0.0105 D
4,4'-DDT	0.00711 DP
Metals	
Cadmium	3.29
Copper	148
Lead	454
Zinc	596
Mercury	0.287

Location	PE-54
Sample Name	PE54_18
Sample Date	10/4/2024
Sample Depth (ft bgs)	18-18.5
VOCs	
Acetone	0.09

Location	PE-50
Sample Name	PE50_21.5
Sample Date	9/11/2024
Sample Depth (ft bgs)	21.5-22
VOCs	
Acetone	0.051

Location	PE-58
Sample Name	PE58_21.5
Sample Date	9/11/2024
Sample Depth (ft bgs)	21.5-22
Metals	
Copper	93.4
Lead	362
Zinc	456
Mercury	0.240

Location	PE-60
Sample Name	PE60_19.5
Sample Date	9/24/2024
Sample Depth (ft bgs)	19.5-20
Metals	
Copper	91.8
Lead	342
Zinc	495
Mercury	0.304

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs
VOCs			
Acetone	0.05	0.05	100
SVOCs			
Benzo(a)anthracene	1	1	1
Benzo(a)pyrene	1	22	1
Benzo(b)fluoranthene	1	1.7	1
Benzo(k)fluoranthene	0.8	1.7	3.9
Chrysene	1	1	3.9
Dibenz(a,h)anthracene	0.33	1000	0.33
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5
Pesticides			
4,4'-DDD	0.0033	14	13
4,4'-DDE	0.0033	17	8.9
4,4'-DDT	0.0033	136	7.9
Dieldrin	0.005	0.1	0.2
PCBs			
Total PCBs	0.1	3.2	1
Metals			
Arsenic	13	16	16
Barium	350	820	400
Cadmium	2.5	7.5	4.3
Copper	50	1720	270
Lead	63	450	400
Mercury	0.18	0.73	0.81
Nickel	30	130	310
Selenium	3.9	4	180
Silver	2	8.3	180
Zinc	109	2480	10000
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.001	0.044
Perfluorooctanoic Acid (PFOA)	0.00066	0.0008	0.033

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs
10 - Result exceeds Protection of Groundwater SCOs
10 - Result exceeds Restricted Use Restricted-Residential SCOs

- Samples collected and waiting on analytical results
- Samples collected and results received
- Analytical results meet RR RUSCOs & PGW SCOs
- Analytical results exceed RR RUSCOs or PGW SCOs

- Proposed Soil Reuse Source Area
- Previously Approved Soil Reuse Source Area

References:
1. Aerial imagery provided by Nearmap ltd., collected March 10, 2021.
2. Parcel information from MapPLUTO 21v1 copyrighted by the New York City Department of Planning.

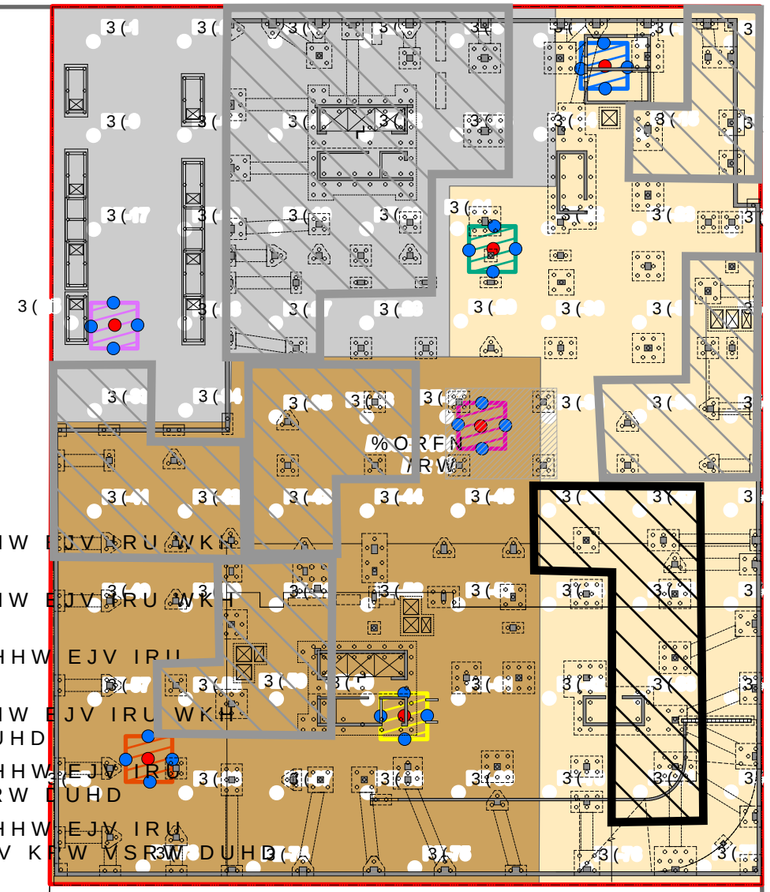
Remedial Excavation modified to a Track 2 15-foot cut across the Site footprint on 9/4/24.
Hot spot excavation and associated confirmation sample collection will not be implemented.

LANGAN
300 Kimball Drive
Parsippany, NJ 07054
T: 973.560.4900 F: 973.560.4901 www.langan.com
Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International LLC
Collectively known as Langan
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
12096 FLATLANDS AVENUE
BLOCK No. 4434, LOT No. 10
BROOKLYN
KINGS COUNTY NEW YORK

Drawing Title
PRELIMINARY ENDPOINT SAMPLING ANALYTICAL RESULTS (DRAFT) & SOIL REUSE REQUEST

Project No.	100688801
Date	9/4/2024
Scale	1:600
Drawn By	IHB
Last Revised	10/4/2024
Figure	X



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- 5HPHGLDO ([FDYDWLRQ WR DSSUR[LPDWHO\ IHHW EJV IRU WKH UHPRYDO RI WKH PHWDOV DQG 3&% KRW VSRW DUHD
- 5HPHGLDO ([FDYDWLRQ WR DSSUR[LPDWHO\ IHHW EJV IRU WKH WKH UHPRYDO RI WKH PHWDOV DQG 3&% KRW VSRW DUHD
- 5HPHGLDO ([FDYDWLRQ WR DSSUR[LPDWHO\ IHHW EJV IRU WKH WKH UHPRYDO RI WKH PHWDOV DQG SHVLWLFLGHV KRW VSRW DUHD
- 5HPHGLDO ([FDYDWLRQ WR DSSUR[LPDWHO\ IHHW EJV
- 5HPHGLDO ([FDYDWLRQ WR DSSUR[LPDWHO\ IHHW EJV
- 5HPHGLDO ([FDYDWLRQ WR DSSUR[LPDWHO\ IHHW EJV
- 6LGHZDOO &RQILUPDWLRQ 6DPSOH IRU
- %RWWRP &RQILUPDWLRQ 6DPSOH IRU ([FDYDWLRQ $UHDV

Remedial Excavation modified to a Track 2 15-foot cut across the Site footprint on 9/4/24. Hot spot excavation and associated confirmation sample collection will not be implemented.

Proposed Soil Reuse Source Area

Previously Approved Soil Reuse Source Area

5HIHUHQFHV
$HULDO LPDJHU\ SURYLGHG E\ 1HDUPDS OWG FRQILJXUHG E\ WKH
3DUFHO LQIRUPDWLRQ IURP 0DS3/872 Y FRS\ULJKWHG E\ WKH
1HZ <RUN &LW\ 'HSDUWPHQW RI 3ODQQLQJ

6&$/(,1)((7

LANGAN

300 Kimball Drive
Parsippany, NJ 07054
T: 973.560.4900 F: 973.560.4901 www.langan.com

Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project	12096 FLATLANDS AVENUE BLOCK No. 4434, LOT No. 10 BROOKLYN KINGS COUNTY NEW YORK
Drawing Title	PROPOSED SOIL REUSE SOURCE AREAS
Project No.	100688801
Date	9/27/2022
Scale	1:600
Drawn By	IHB
Last Revised	10/4/2024
Figure	Y

3DWK ??/DQJDQ FRP?GDWD?3$5?GDWD ? ?3URMHFW 'DWD?$UF*,6?$35;? ? DSU[

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 10/11/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J0297

Report Date: 10/11/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J0297

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 03, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24J0297-01	PE47_17.5	Soil	10/03/2024	10/03/2024
24J0297-02	PE55_17	Soil	10/03/2024	10/03/2024
24J0297-03	TB_10032024	Water	10/03/2024	10/03/2024

General Notes for York Project (SDG) No.: 24J0297

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 10/11/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.062	0.12	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.014**	CCVE, ICVE	mg/kg dry	0.0062	0.012	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	mg/kg dry	0.0062	0.012	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E	mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.010**	J	mg/kg dry	0.0062	0.012	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	**tert-Butyl alcohol (TBA)**	**0.0048**	J	mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*89.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.182	0.365	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.365	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.182	0.365	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*84.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*82.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*85.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*95.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*92.9 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/07/2024 08:29	10/09/2024 14:02	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*74.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.120	0.191	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0571	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.193	0.197	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.185	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.180	0.200	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.204	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.206	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.213	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.176	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.209	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.431	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.167	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.641	0.819	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.814	0.828	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.862	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.384	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.208	0.431	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0668	0.431	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.431	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.169	0.203	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.641	0.808	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.655	0.862	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 17:32	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.335	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 17:32	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.265	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 17:32	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.188	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 17:32	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.182	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 17:32	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 17:32	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.683	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 17:32	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.26	5.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 17:32	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND	PF-CCV-L	ug/kg dry	1.62	5.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 17:32	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.659	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 17:32	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.194	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 17:32	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.751	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 17:32	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.213	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 17:32	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*130 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*133 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*122 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*122 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*149 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*148 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*129 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*135 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*108 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*110 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*150 %*	PFSu-H	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*135 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*68.9 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*72.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*77.9 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*104 %*		*25-200*

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*162 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*140 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*57.8 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*65.5 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*54.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*153 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*51.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*58.8 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:44	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0218	1	EPA 8151A	10/07/2024 13:41	10/08/2024 13:40	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0218	1	EPA 8151A	10/07/2024 13:41	10/08/2024 13:40	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0218	1	EPA 8151A	10/07/2024 13:41	10/08/2024 13:40	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*95.4 %*	*21-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5030**		mg/kg dry	4.56	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.28	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.37	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**7.78**		mg/kg dry	2.28	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.274	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**509**	B	mg/kg dry	4.56	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.44**		mg/kg dry	0.457	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.33**		mg/kg dry	0.365	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**7.10**		mg/kg dry	1.83	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**5320**		mg/kg dry	22.8	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**2.87**		mg/kg dry	0.457	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1420**		mg/kg dry	4.57	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**40.2**		mg/kg dry	0.457	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**9.79**		mg/kg dry	0.909	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**398**	M-CCV 1	mg/kg dry	4.57	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.460	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND	M-CCV 1	mg/kg dry	45.6	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.28	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**10.9**		mg/kg dry	0.909	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**13.3**		mg/kg dry	2.27	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0329	1	EPA 7473	10/05/2024 08:53	10/08/2024 15:34	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.548	1	EPA 7196A	10/04/2024 15:20	10/04/2024 19:52	ZTS
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**9.44**		mg/kg	0.500	1	Calculation	10/09/2024 11:28	10/09/2024 11:41	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.548	1	EPA 9014/9010C	10/07/2024 07:32	10/07/2024 14:51	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.3**		%	0.100	1	SM 2540G	10/04/2024 10:55	10/04/2024 13:14	SMM
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0061**	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.041**	CCVE, ICVE	mg/kg dry	0.0051	0.010	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	mg/kg dry	0.0051	0.010	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0030**	J	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.010**		mg/kg dry	0.0051	0.010	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	**tert-Butyl alcohol (TBA)**	**0.0068**	QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.197	0.395	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.197	0.395	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.197	0.395	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*87.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*90.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*88.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*91.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*106 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*98.1 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	10/07/2024 08:29	10/09/2024 14:19	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*70.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.130	0.208	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0622	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.123	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.210	0.215	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.202	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.196	0.218	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.222	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.224	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.232	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.191	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.147	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.121	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.174	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.228	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.128	0.470	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.171	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.182	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.224	0.227	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.698	0.892	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.886	0.901	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.128	0.939	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.163	0.418	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.227	0.470	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0728	0.470	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.113	0.470	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.184	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.698	0.880	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.714	0.939	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 18:20	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.365	0.887	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 18:20	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.289	0.878	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 18:20	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.204	0.887	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 18:20	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.198	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 18:20	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.146	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 18:20	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.744	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 18:20	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.46	5.87	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 18:20	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND	PF-CCV-L	ug/kg dry	1.76	5.87	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 18:20	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.717	2.35	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 18:20	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.211	0.235	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 18:20	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.818	2.35	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 18:20	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.232	0.235	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 18:20	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*126 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*128 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*112 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*123 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*113 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*147 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*120 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*111 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*101 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*121 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*123 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*136 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*67.1 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*61.7 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*70.7 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*95.2 %*	*25-200*

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*133 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*126 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*57.4 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*62.9 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*46.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*158 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*45.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*55.5 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.9 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:58	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*112 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0236	1	EPA 8151A	10/07/2024 13:41	10/08/2024 13:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0236	1	EPA 8151A	10/07/2024 13:41	10/08/2024 13:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0236	1	EPA 8151A	10/07/2024 13:41	10/08/2024 13:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*93.0 %*	*21-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11800**		mg/kg dry	4.94	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.47	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.62**		mg/kg dry	1.48	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**18.4**		mg/kg dry	2.47	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.257**		mg/kg dry	0.050	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.296	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1000**		mg/kg dry	4.94	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**20.1**		mg/kg dry	0.494	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.54**		mg/kg dry	0.395	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**17.0**		mg/kg dry	1.98	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**13700**		mg/kg dry	24.7	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**17.7**		mg/kg dry	0.494	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1710**		mg/kg dry	4.94	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**56.2**		mg/kg dry	0.494	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.5**		mg/kg dry	0.984	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**544**	M-CCV 1	mg/kg dry	4.94	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.47	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.498	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**179**		mg/kg dry	49.4	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.47	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**26.2**		mg/kg dry	0.984	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**25.1**		mg/kg dry	2.46	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0730**		mg/kg dry	0.0356	1	EPA 7473	10/05/2024 08:53	10/08/2024 15:34	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.593	1	EPA 7196A	10/04/2024 15:20	10/04/2024 19:52	ZTS
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**20.1**		mg/kg	0.500	1	Calculation	10/09/2024 11:28	10/09/2024 11:41	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.593	1	EPA 9014/9010C	10/07/2024 07:32	10/07/2024 14:51	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.4**		%	0.100	1	SM 2540G	10/04/2024 10:55	10/04/2024 13:14	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TB_10032024 **York Sample ID:** 24J0297-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Water	October 3, 2024 1:35 pm	10/03/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10032024 **York Sample ID:** 24J0297-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Water	October 3, 2024 1:35 pm	10/03/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10032024 **York Sample ID:** 24J0297-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Water	October 3, 2024 1:35 pm	10/03/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.146	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10032024 **York Sample ID:** 24J0297-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Water	October 3, 2024 1:35 pm	10/03/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*89.1 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*70-130*

Analytical Batch Summary

Batch ID: BJ40322 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/04/24
24J0297-02	PE55_17	10/04/24
BJ40322-DUP1	Duplicate	10/04/24

Batch ID: BJ40344 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/04/24
24J0297-02	PE55_17	10/04/24
BJ40344-BLK1	Blank	10/04/24
BJ40344-DUP1	Duplicate	10/04/24
BJ40344-MS1	Matrix Spike	10/04/24
BJ40344-MSD1	Matrix Spike Dup	10/04/24
BJ40344-SRM1	Reference	10/04/24

Batch ID: BJ40350 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-03	TB_10032024	10/04/24
BJ40350-BLK1	Blank	10/04/24
BJ40350-BS1	LCS	10/04/24
BJ40350-BSD1	LCS Dup	10/04/24

Batch ID: BJ40351 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/04/24
24J0297-02	PE55_17	10/04/24
BJ40351-BLK1	Blank	10/04/24
BJ40351-BS1	LCS	10/04/24
BJ40351-BSD1	LCS Dup	10/04/24
BJ40351-MS1	Matrix Spike	10/04/24
BJ40351-MSD1	Matrix Spike Dup	10/04/24

Batch ID: BJ40360 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/05/24
24J0297-02	PE55_17	10/05/24
BJ40360-BLK1	Blank	10/05/24
BJ40360-DUP1	Duplicate	10/05/24
BJ40360-MS1	Matrix Spike	10/05/24
BJ40360-SRM1	Reference	10/05/24

Batch ID: BJ40383 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/06/24
BJ40383-BLK1	Blank	10/06/24
BJ40383-DUP1	Duplicate	10/06/24
BJ40383-MS1	Matrix Spike	10/06/24
BJ40383-PS1	Post Spike	10/06/24
BJ40383-SRM1	Reference	10/06/24

Batch ID: BJ40387 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/07/24
24J0297-02	PE55_17	10/07/24
BJ40387-BLK1	Blank	10/07/24
BJ40387-DUP1	Duplicate	10/07/24
BJ40387-MS1	Matrix Spike	10/07/24
BJ40387-MSD1	Matrix Spike Dup	10/07/24
BJ40387-SRM1	Reference	10/07/24

Batch ID: BJ40408 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/07/24
24J0297-02	PE55_17	10/07/24
BJ40408-BLK1	Blank	10/07/24
BJ40408-BS1	LCS	10/07/24
BJ40408-MS1	Matrix Spike	10/07/24
BJ40408-MSD1	Matrix Spike Dup	10/07/24

Batch ID: BJ40440 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/07/24
24J0297-02	PE55_17	10/07/24
BJ40440-BLK1	Blank	10/07/24
BJ40440-BS1	LCS	10/07/24
BJ40440-MS1	Matrix Spike	10/07/24
BJ40440-MSD1	Matrix Spike Dup	10/07/24

Batch ID: BJ40466 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-02	PE55_17	10/07/24
BJ40466-BLK1	Blank	10/07/24
BJ40466-SRM1	Reference	10/07/24

Batch ID: BJ40497 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/08/24
24J0297-01	PE47_17.5	10/08/24
24J0297-02	PE55_17	10/08/24
24J0297-02	PE55_17	10/08/24
BJ40497-BLK1	Blank	10/08/24
BJ40497-BLK2	Blank	10/08/24
BJ40497-BS1	LCS	10/08/24
BJ40497-BS2	LCS	10/08/24
BJ40497-MS1	Matrix Spike	10/08/24
BJ40497-MS2	Matrix Spike	10/08/24
BJ40497-MSD1	Matrix Spike Dup	10/08/24
BJ40497-MSD2	Matrix Spike Dup	10/08/24

Batch ID: BJ40504 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/08/24
24J0297-02	PE55_17	10/08/24
BJ40504-BLK1	Blank	10/08/24
BJ40504-BS1	LCS	10/08/24
BJ40504-MS1	Matrix Spike	10/08/24
BJ40504-MSD1	Matrix Spike Dup	10/08/24

Batch ID: BJ40531 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/08/24
24J0297-02	PE55_17	10/08/24
BJ40531-BLK1	Blank	10/08/24
BJ40531-BS1	LCS	10/08/24
BJ40531-BS2	LCS	10/08/24
BJ40531-MS1	Matrix Spike	10/08/24
BJ40531-MSD1	Matrix Spike Dup	10/08/24

Batch ID: BJ40598 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/09/24
24J0297-02	PE55_17	10/09/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40350 - EPA 5030B											
Blank (BJ40350-BLK1) Blank									Prepared & Analyzed: 10/04/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40350 - EPA 5030B											
Blank (BJ40350-BLK1) Blank								Prepared & Analyzed: 10/04/2024			
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.71*		*"*	*10.0*		*97.1*	*70-130*				
LCS (BJ40350-BS1) LCS								Prepared & Analyzed: 10/04/2024			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126			30	
1,1,1-Trichloroethane	10.9		"	10.0		109	70-130			20	
1,1,2,2-Tetrachloroethane	9.54		"	10.0		95.4	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	70-130			20	
1,1,2-Trichloroethane	9.19		"	10.0		91.9	70-130			20	
1,1-Dichloroethane	10.9		"	10.0		109	70-130			20	
1,1-Dichloroethylene	12.1		"	10.0		121	70-130			20	
1,1-Dichloropropylene	11.2		"	10.0		112	83-133			30	
1,2,3-Trichlorobenzene	7.50		"	10.0		75.0	70-130			20	
1,2,3-Trichloropropane	9.58		"	10.0		95.8	77-128			30	
1,2,4-Trichlorobenzene	8.23		"	10.0		82.3	70-130			20	
1,2,4-Trimethylbenzene	12.2		"	10.0		122	82-132			20	
1,2-Dibromo-3-chloropropane	8.75		"	10.0		87.5	40-160			20	
1,2-Dibromoethane	8.84		"	10.0		88.4	70-130			20	
1,2-Dichlorobenzene	10.4		"	10.0		104	70-130			20	
1,2-Dichloroethane	9.36		"	10.0		93.6	70-130			20	
1,2-Dichloropropane	11.4		"	10.0		114	70-130			20	
1,3,5-Trimethylbenzene	12.8		"	10.0		128	80-131			30	
1,3-Dichlorobenzene	11.1		"	10.0		111	70-130			20	
1,3-Dichloropropane	9.48		"	10.0		94.8	81-125			30	
1,4-Dichlorobenzene	10.6		"	10.0		106	70-130			20	
1,4-Dioxane	154		"	210		73.5	40-160			20	
2,2-Dichloropropane	11.6		"	10.0		116	56-150			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40350 - EPA 5030B											
LCS (BJ40350-BS1) LCS								Prepared & Analyzed: 10/04/2024			
2-Butanone	8.80		ug/L	10.0		88.0	40-160			20	
2-Chlorotoluene	12.6		"	10.0		126	79-130			30	
2-Hexanone	7.34		"	10.0		73.4	40-160			20	
4-Chlorotoluene	12.3		"	10.0		123	79-128			30	
4-Methyl-2-pentanone	6.48		"	10.0		64.8	40-160			20	
Acetone	8.63		"	10.0		86.3	40-160			20	
Acrolein	1.03		"	10.0		10.3	10-153			30	
Acrylonitrile	7.93		"	10.0		79.3	51-150			30	
Benzene	11.3		"	10.0		113	70-130			20	
Bromobenzene	11.3		"	10.0		113	78-129			30	
Bromochloromethane	9.65		"	10.0		96.5	70-130			20	
Bromodichloromethane	10.6		"	10.0		106	70-130			20	
Bromoform	6.49		"	10.0		64.9	70-130	Low Bias		20	
Bromomethane	11.5		"	10.0		115	40-160			20	
Carbon disulfide	12.6		"	10.0		126	40-160			20	
Carbon tetrachloride	11.3		"	10.0		113	70-130			20	
Chlorobenzene	10.8		"	10.0		108	70-130			20	
Chloroethane	11.7		"	10.0		117	40-160			20	
Chloroform	10.5		"	10.0		105	70-130			20	
Chloromethane	11.7		"	10.0		117	40-160			20	
cis-1,2-Dichloroethylene	11.0		"	10.0		110	70-130			20	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	70-130			20	
Cyclohexane	5.58		"	10.0		55.8	70-130	Low Bias		20	
Dibromochloromethane	7.98		"	10.0		79.8	70-130			20	
Dibromomethane	8.85		"	10.0		88.5	72-134			30	
Dichlorodifluoromethane	13.4		"	10.0		134	40-160			20	
Ethyl Benzene	12.3		"	10.0		123	70-130			20	
Hexachlorobutadiene	9.63		"	10.0		96.3	67-146			30	
Isopropylbenzene	13.5		"	10.0		135	70-130	High Bias		20	
Methyl acetate	7.21		"	10.0		72.1	70-130			20	
Methyl tert-butyl ether (MTBE)	7.93		"	10.0		79.3	70-130			20	
Methylcyclohexane	11.6		"	10.0		116	70-130			20	
Methylene chloride	10.4		"	10.0		104	70-130			20	
n-Butylbenzene	11.9		"	10.0		119	79-132			30	
n-Propylbenzene	13.4		"	10.0		134	78-133	High Bias		30	
o-Xylene	11.4		"	10.0		114	70-130			20	
p- & m- Xylenes	24.2		"	20.0		121	70-130			20	
p-Isopropyltoluene	12.8		"	10.0		128	81-136			30	
sec-Butylbenzene	12.6		"	10.0		126	79-137			30	
Styrene	11.5		"	10.0		115	70-130			20	
tert-Butyl alcohol (TBA)	22.2		"	50.0		44.5	25-162			30	
tert-Butylbenzene	11.3		"	10.0		113	77-138			30	
Tetrachloroethylene	11.4		"	10.0		114	70-130			20	
Toluene	11.9		"	10.0		119	70-130			20	
trans-1,2-Dichloroethylene	11.4		"	10.0		114	70-130			20	
trans-1,3-Dichloropropylene	9.59		"	10.0		95.9	70-130			20	
Trichloroethylene	11.7		"	10.0		117	70-130			20	
Trichlorofluoromethane	11.7		"	10.0		117	40-160			20	
Vinyl Chloride	12.1		"	10.0		121	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*7.95*		*"*	*10.0*		*79.5*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.7*		*"*	*10.0*		*107*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40350 - EPA 5030B											
LCS (BJ40350-BS1) LCS								Prepared & Analyzed: 10/04/2024			
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*ug/L*	*10.0*		*102*	*70-130*				
LCS Dup (BJ40350-BSD1) LCS Dup								Prepared & Analyzed: 10/04/2024			
1,1,1,2-Tetrachloroethane	11.1		ug/L	10.0		111	82-126		2.46	30	
1,1,1-Trichloroethane	10.5		"	10.0		105	70-130		4.30	20	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	70-130		10.4	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	70-130		3.12	20	
1,1,2-Trichloroethane	10.4		"	10.0		104	70-130		12.1	20	
1,1-Dichloroethane	10.8		"	10.0		108	70-130		1.38	20	
1,1-Dichloroethylene	11.5		"	10.0		115	70-130		5.16	20	
1,1-Dichloropropylene	11.0		"	10.0		110	83-133		2.16	30	
1,2,3-Trichlorobenzene	8.74		"	10.0		87.4	70-130		15.3	20	
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128		6.56	30	
1,2,4-Trichlorobenzene	8.85		"	10.0		88.5	70-130		7.26	20	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	82-132		14.9	20	
1,2-Dibromo-3-chloropropane	9.77		"	10.0		97.7	40-160		11.0	20	
1,2-Dibromoethane	10.4		"	10.0		104	70-130		16.6	20	
1,2-Dichlorobenzene	10.1		"	10.0		101	70-130		2.73	20	
1,2-Dichloroethane	11.0		"	10.0		110	70-130		15.8	20	
1,2-Dichloropropane	11.0		"	10.0		110	70-130		2.77	20	
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131		18.0	30	
1,3-Dichlorobenzene	10.1		"	10.0		101	70-130		9.62	20	
1,3-Dichloropropane	10.6		"	10.0		106	81-125		11.4	30	
1,4-Dichlorobenzene	9.86		"	10.0		98.6	70-130		6.86	20	
1,4-Dioxane	210		"	210		99.9	40-160		30.4	20	Non-dir.
2,2-Dichloropropane	11.2		"	10.0		112	56-150		3.67	30	
2-Butanone	11.5		"	10.0		115	40-160		26.9	20	Non-dir.
2-Chlorotoluene	10.6		"	10.0		106	79-130		16.9	30	
2-Hexanone	10.2		"	10.0		102	40-160		32.3	20	Non-dir.
4-Chlorotoluene	10.7		"	10.0		107	79-128		14.3	30	
4-Methyl-2-pentanone	9.26		"	10.0		92.6	40-160		35.3	20	Non-dir.
Acetone	11.0		"	10.0		110	40-160		23.8	20	Non-dir.
Acrolein	1.28		"	10.0		12.8	10-153		21.6	30	
Acrylonitrile	11.5		"	10.0		115	51-150		36.9	30	Non-dir.
Benzene	11.3		"	10.0		113	70-130		0.0887	20	
Bromobenzene	10.5		"	10.0		105	78-129		7.98	30	
Bromochloromethane	11.1		"	10.0		111	70-130		13.8	20	
Bromodichloromethane	10.8		"	10.0		108	70-130		1.59	20	
Bromoform	8.06		"	10.0		80.6	70-130		21.6	20	Non-dir.
Bromomethane	10.7		"	10.0		107	40-160		7.57	20	
Carbon disulfide	12.2		"	10.0		122	40-160		3.07	20	
Carbon tetrachloride	10.9		"	10.0		109	70-130		3.24	20	
Chlorobenzene	10.5		"	10.0		105	70-130		3.48	20	
Chloroethane	10.8		"	10.0		108	40-160		8.10	20	
Chloroform	10.7		"	10.0		107	70-130		1.99	20	
Chloromethane	11.0		"	10.0		110	40-160		6.24	20	
cis-1,2-Dichloroethylene	11.2		"	10.0		112	70-130		2.16	20	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	70-130		4.93	20	
Cyclohexane	5.44		"	10.0		54.4	70-130	Low Bias	2.54	20	
Dibromochloromethane	8.89		"	10.0		88.9	70-130		10.8	20	
Dibromomethane	10.2		"	10.0		102	72-134		14.4	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40350 - EPA 5030B											
LCS Dup (BJ40350-BSD1) LCS Dup							Prepared & Analyzed: 10/04/2024				
Dichlorodifluoromethane	12.8		ug/L	10.0		128	40-160		4.74	20	
Ethyl Benzene	11.3		"	10.0		113	70-130		8.05	20	
Hexachlorobutadiene	8.14		"	10.0		81.4	67-146		16.8	30	
Isopropylbenzene	10.8		"	10.0		108	70-130		21.9	20	Non-dir.
Methyl acetate	9.99		"	10.0		99.9	70-130		32.3	20	Non-dir.
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	70-130		32.3	20	Non-dir.
Methylcyclohexane	10.3		"	10.0		103	70-130		11.9	20	
Methylene chloride	11.2		"	10.0		112	70-130		7.37	20	
n-Butylbenzene	10.3		"	10.0		103	79-132		14.6	30	
n-Propylbenzene	10.9		"	10.0		109	78-133		20.8	30	
o-Xylene	11.0		"	10.0		110	70-130		3.92	20	
p- & m- Xylenes	22.4		"	20.0		112	70-130		7.67	20	
p-Isopropyltoluene	10.7		"	10.0		107	81-136		17.6	30	
sec-Butylbenzene	10.4		"	10.0		104	79-137		18.8	30	
Styrene	11.6		"	10.0		116	70-130		1.38	20	
tert-Butyl alcohol (TBA)	44.2		"	50.0		88.3	25-162		66.0	30	Non-dir.
tert-Butylbenzene	9.28		"	10.0		92.8	77-138		19.6	30	
Tetrachloroethylene	10.1		"	10.0		101	70-130		12.3	20	
Toluene	10.7		"	10.0		107	70-130		11.0	20	
trans-1,2-Dichloroethylene	11.2		"	10.0		112	70-130		2.12	20	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	70-130		9.91	20	
Trichloroethylene	10.4		"	10.0		104	70-130		11.8	20	
Trichlorofluoromethane	11.0		"	10.0		110	40-160		6.27	20	
Vinyl Chloride	11.1		"	10.0		111	70-130		8.73	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.78*		*"*	*10.0*		*97.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.67*		*"*	*10.0*		*96.7*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40351 - EPA 5035A											
Blank (BJ40351-BLK1) Blank									Prepared & Analyzed: 10/04/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40351 - EPA 5035A											
Blank (BJ40351-BLK1) Blank								Prepared & Analyzed: 10/04/2024			
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.8*		*"*	*50.0*		*91.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.5*		*"*	*50.0*		*103*	*76-130*				
LCS (BJ40351-BS1) LCS								Prepared & Analyzed: 10/04/2024			
1,1,1,2-Tetrachloroethane	49.6		ug/L	50.0		99.3	75-129			30	
1,1,1-Trichloroethane	55.8		"	50.0		112	70-130			30	
1,1,2,2-Tetrachloroethane	48.0		"	50.0		96.1	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55.6		"	50.0		111	70-130			30	
1,1,2-Trichloroethane	47.7		"	50.0		95.4	70-130			30	
1,1-Dichloroethane	55.8		"	50.0		112	70-130			30	
1,1-Dichloroethylene	60.6		"	50.0		121	70-130			30	
1,1-Dichloropropylene	57.0		"	50.0		114	77-127			30	
1,2,3-Trichlorobenzene	48.0		"	50.0		96.1	70-130			30	
1,2,3-Trichloropropane	46.3		"	50.0		92.5	81-126			30	
1,2,4-Trichlorobenzene	49.2		"	50.0		98.3	70-130			30	
1,2,4-Trimethylbenzene	48.5		"	50.0		97.0	84-125			30	
1,2-Dibromo-3-chloropropane	49.7		"	50.0		99.5	40-160			30	
1,2-Dibromoethane	47.8		"	50.0		95.6	70-130			30	
1,2-Dichlorobenzene	46.4		"	50.0		92.7	70-130			30	
1,2-Dichloroethane	55.0		"	50.0		110	70-130			30	
1,2-Dichloropropane	49.7		"	50.0		99.4	70-130			30	
1,3,5-Trimethylbenzene	47.6		"	50.0		95.2	82-126			30	
1,3-Dichlorobenzene	44.4		"	50.0		88.7	70-130			30	
1,3-Dichloropropane	49.0		"	50.0		98.0	83-123			30	
1,4-Dichlorobenzene	44.6		"	50.0		89.2	70-130			30	
1,4-Dioxane	804		"	1050		76.6	40-160			30	
2,2-Dichloropropane	69.8		"	50.0		140	67-136	High Bias		30	
2-Butanone	51.1		"	50.0		102	40-160			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40351 - EPA 5035A											
LCS (BJ40351-BS1) LCS							Prepared & Analyzed: 10/04/2024				
2-Chlorotoluene	47.1		ug/L	50.0		94.3	78-127			30	
2-Hexanone	50.8		"	50.0		102	40-160			30	
4-Chlorotoluene	47.7		"	50.0		95.4	79-125			30	
4-Methyl-2-pentanone	38.1		"	50.0		76.2	40-160			30	
Acetone	33.2		"	50.0		66.5	40-160			30	
Acrolein	3.54		"	50.0		7.08	10-238	Low Bias		30	
Acrylonitrile	56.2		"	50.0		112	66-141			30	
Benzene	55.4		"	50.0		111	70-130			30	
Bromobenzene	48.2		"	50.0		96.4	77-129			30	
Bromochloromethane	55.8		"	50.0		112	70-130			30	
Bromodichloromethane	49.7		"	50.0		99.5	70-130			30	
Bromoform	49.6		"	50.0		99.2	70-130			30	
Bromomethane	54.6		"	50.0		109	40-160			30	
Carbon disulfide	59.9		"	50.0		120	40-160			30	
Carbon tetrachloride	56.1		"	50.0		112	70-130			30	
Chlorobenzene	47.2		"	50.0		94.4	70-130			30	
Chloroethane	52.1		"	50.0		104	51-142			30	
Chloroform	54.4		"	50.0		109	70-130			30	
Chloromethane	54.7		"	50.0		109	49-132			30	
cis-1,2-Dichloroethylene	56.8		"	50.0		114	70-130			30	
cis-1,3-Dichloropropylene	51.3		"	50.0		103	70-130			30	
Cyclohexane	59.1		"	50.0		118	70-130			30	
Dibromochloromethane	49.3		"	50.0		98.6	70-130			30	
Dibromomethane	46.1		"	50.0		92.3	83-124			30	
Dichlorodifluoromethane	62.8		"	50.0		126	40-160			30	
Ethyl Benzene	50.8		"	50.0		102	70-130			30	
Hexachlorobutadiene	49.6		"	50.0		99.3	83-133			30	
Isopropylbenzene	47.8		"	50.0		95.6	70-130			30	
Methyl acetate	51.3		"	50.0		103	70-130			30	
Methyl tert-butyl ether (MTBE)	61.6		"	50.0		123	70-130			30	
Methylcyclohexane	47.6		"	50.0		95.3	70-130			30	
Methylene chloride	55.0		"	50.0		110	70-130			30	
n-Butylbenzene	49.8		"	50.0		99.6	80-130			30	
n-Propylbenzene	48.0		"	50.0		96.1	74-136			30	
o-Xylene	49.5		"	50.0		99.1	70-130			30	
p- & m- Xylenes	98.3		"	100		98.3	70-130			30	
p-Isopropyltoluene	49.2		"	50.0		98.3	85-125			30	
sec-Butylbenzene	48.9		"	50.0		97.9	83-125			30	
Styrene	50.5		"	50.0		101	70-130			30	
tert-Butyl alcohol (TBA)	329		"	250		132	70-130	High Bias		30	
tert-Butylbenzene	41.9		"	50.0		83.8	80-127			30	
Tetrachloroethylene	43.4		"	50.0		86.9	70-130			30	
Toluene	48.2		"	50.0		96.4	70-130			30	
trans-1,2-Dichloroethylene	57.6		"	50.0		115	70-130			30	
trans-1,3-Dichloropropylene	55.3		"	50.0		111	70-130			30	
Trichloroethylene	48.8		"	50.0		97.7	70-130			30	
Trichlorofluoromethane	53.1		"	50.0		106	40-160			30	
Vinyl Chloride	55.8		"	50.0		112	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.0*		*"*	*50.0*		*91.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40351 - EPA 5035A											
LCS (BJ40351-BS1) LCS								Prepared & Analyzed: 10/04/2024			
LCS Dup (BJ40351-BSD1) LCS Dup								Prepared & Analyzed: 10/04/2024			
1,1,1,2-Tetrachloroethane	49.5		ug/L	50.0		99.0	75-129		0.262	30	
1,1,1-Trichloroethane	54.8		"	50.0		110	70-130		1.68	30	
1,1,2,2-Tetrachloroethane	47.7		"	50.0		95.4	70-130		0.689	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.7		"	50.0		109	70-130		1.70	30	
1,1,2-Trichloroethane	48.2		"	50.0		96.3	70-130		0.918	30	
1,1-Dichloroethane	54.6		"	50.0		109	70-130		2.21	30	
1,1-Dichloroethylene	59.3		"	50.0		119	70-130		2.15	30	
1,1-Dichloropropylene	56.6		"	50.0		113	77-127		0.704	30	
1,2,3-Trichlorobenzene	47.4		"	50.0		94.9	70-130		1.26	30	
1,2,3-Trichloropropane	46.1		"	50.0		92.3	81-126		0.281	30	
1,2,4-Trichlorobenzene	49.2		"	50.0		98.4	70-130		0.0407	30	
1,2,4-Trimethylbenzene	47.7		"	50.0		95.3	84-125		1.73	30	
1,2-Dibromo-3-chloropropane	50.0		"	50.0		100	40-160		0.541	30	
1,2-Dibromoethane	46.9		"	50.0		93.7	70-130		2.01	30	
1,2-Dichlorobenzene	45.7		"	50.0		91.4	70-130		1.43	30	
1,2-Dichloroethane	55.8		"	50.0		112	70-130		1.35	30	
1,2-Dichloropropane	50.2		"	50.0		100	70-130		1.00	30	
1,3,5-Trimethylbenzene	47.2		"	50.0		94.4	82-126		0.844	30	
1,3-Dichlorobenzene	44.7		"	50.0		89.4	70-130		0.741	30	
1,3-Dichloropropane	49.0		"	50.0		97.9	83-123		0.0612	30	
1,4-Dichlorobenzene	45.0		"	50.0		89.9	70-130		0.804	30	
1,4-Dioxane	808		"	1050		77.0	40-160		0.563	30	
2,2-Dichloropropane	69.0		"	50.0		138	67-136	High Bias	1.11	30	
2-Butanone	50.0		"	50.0		100	40-160		2.25	30	
2-Chlorotoluene	46.7		"	50.0		93.3	78-127		1.00	30	
2-Hexanone	50.7		"	50.0		101	40-160		0.138	30	
4-Chlorotoluene	46.6		"	50.0		93.2	79-125		2.29	30	
4-Methyl-2-pentanone	38.5		"	50.0		76.9	40-160		0.993	30	
Acetone	32.2		"	50.0		64.4	40-160		3.24	30	
Acrolein	4.12		"	50.0		8.24	10-238	Low Bias	15.1	30	
Acrylonitrile	55.6		"	50.0		111	66-141		1.06	30	
Benzene	55.2		"	50.0		110	70-130		0.398	30	
Bromobenzene	48.3		"	50.0		96.5	77-129		0.145	30	
Bromochloromethane	55.1		"	50.0		110	70-130		1.37	30	
Bromodichloromethane	49.8		"	50.0		99.6	70-130		0.181	30	
Bromoform	50.7		"	50.0		101	70-130		2.09	30	
Bromomethane	56.2		"	50.0		112	40-160		2.91	30	
Carbon disulfide	59.3		"	50.0		119	40-160		1.06	30	
Carbon tetrachloride	56.2		"	50.0		112	70-130		0.267	30	
Chlorobenzene	47.2		"	50.0		94.4	70-130		0.0636	30	
Chloroethane	51.2		"	50.0		102	51-142		1.70	30	
Chloroform	54.2		"	50.0		108	70-130		0.387	30	
Chloromethane	53.5		"	50.0		107	49-132		2.26	30	
cis-1,2-Dichloroethylene	56.4		"	50.0		113	70-130		0.848	30	
cis-1,3-Dichloropropylene	51.7		"	50.0		103	70-130		0.797	30	
Cyclohexane	57.4		"	50.0		115	70-130		2.87	30	
Dibromochloromethane	48.8		"	50.0		97.6	70-130		1.04	30	
Dibromomethane	46.8		"	50.0		93.5	83-124		1.36	30	
Dichlorodifluoromethane	60.4		"	50.0		121	40-160		3.86	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40351 - EPA 5035A											
LCS Dup (BJ40351-BSD1) LCS Dup								Prepared & Analyzed: 10/04/2024			
Ethyl Benzene	50.1		ug/L	50.0		100	70-130		1.37	30	
Hexachlorobutadiene	48.4		"	50.0		96.9	83-133		2.45	30	
Isopropylbenzene	47.2		"	50.0		94.5	70-130		1.24	30	
Methyl acetate	51.0		"	50.0		102	70-130		0.508	30	
Methyl tert-butyl ether (MTBE)	62.4		"	50.0		125	70-130		1.27	30	
Methylcyclohexane	46.9		"	50.0		93.9	70-130		1.50	30	
Methylene chloride	54.6		"	50.0		109	70-130		0.620	30	
n-Butylbenzene	48.5		"	50.0		97.0	80-130		2.62	30	
n-Propylbenzene	47.8		"	50.0		95.7	74-136		0.417	30	
o-Xylene	49.0		"	50.0		98.0	70-130		1.08	30	
p- & m- Xylenes	97.6		"	100		97.6	70-130		0.704	30	
p-Isopropyltoluene	49.4		"	50.0		98.8	85-125		0.548	30	
sec-Butylbenzene	47.3		"	50.0		94.5	83-125		3.45	30	
Styrene	50.1		"	50.0		100	70-130		0.954	30	
tert-Butyl alcohol (TBA)	322		"	250		129	70-130		2.24	30	
tert-Butylbenzene	40.2		"	50.0		80.4	80-127		4.19	30	
Tetrachloroethylene	43.1		"	50.0		86.1	70-130		0.855	30	
Toluene	48.1		"	50.0		96.1	70-130		0.249	30	
trans-1,2-Dichloroethylene	56.1		"	50.0		112	70-130		2.60	30	
trans-1,3-Dichloropropylene	55.5		"	50.0		111	70-130		0.325	30	
Trichloroethylene	48.6		"	50.0		97.2	70-130		0.431	30	
Trichlorofluoromethane	52.7		"	50.0		105	40-160		0.757	30	
Vinyl Chloride	54.5		"	50.0		109	70-130		2.28	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*"*	*50.0*		*98.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.2*		*"*	*50.0*		*92.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*76-130*				
Matrix Spike (BJ40351-MS1) Matrix Spike *Source sample: 24J0297-01 (PE47_17.5)								Prepared & Analyzed: 10/04/2024			
1,1,1,2-Tetrachloroethane	68.6		ug/L	50.0	0.00	137	15-161			33	
1,1,1-Trichloroethane	80.5		"	50.0	0.00	161	70-130	High Bias		30	
1,1,2,2-Tetrachloroethane	71.0		"	50.0	0.00	142	70-130	High Bias		30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	80.8		"	50.0	0.00	162	70-130	High Bias		30	
1,1,2-Trichloroethane	67.7		"	50.0	0.00	135	70-130	High Bias		30	
1,1-Dichloroethane	78.6		"	50.0	0.00	157	70-130	High Bias		30	
1,1-Dichloroethylene	85.7		"	50.0	0.00	171	70-130	High Bias		30	
1,1-Dichloropropylene	82.1		"	50.0	0.00	164	40-133	High Bias		28	
1,2,3-Trichlorobenzene	60.0		"	50.0	0.00	120	70-130			30	
1,2,3-Trichloropropane	64.4		"	50.0	0.00	129	38-155			48	
1,2,4-Trichlorobenzene	58.9		"	50.0	0.00	118	70-130			30	
1,2,4-Trimethylbenzene	65.2		"	50.0	0.00	130	10-170			242	
1,2-Dibromo-3-chloropropane	73.6		"	50.0	0.00	147	40-160			30	
1,2-Dibromoethane	68.8		"	50.0	0.00	138	70-130	High Bias		30	
1,2-Dichlorobenzene	61.2		"	50.0	0.00	122	70-130			30	
1,2-Dichloroethane	81.8		"	50.0	0.00	164	70-130	High Bias		30	
1,2-Dichloropropane	68.4		"	50.0	0.00	137	70-130	High Bias		30	
1,3,5-Trimethylbenzene	65.1		"	50.0	0.00	130	10-150			62	
1,3-Dichlorobenzene	61.4		"	50.0	0.00	123	70-130			30	
1,3-Dichloropropane	69.5		"	50.0	0.00	139	43-142			36	
1,4-Dichlorobenzene	62.5		"	50.0	0.00	125	70-130			30	
1,4-Dioxane	1250		"	1050	0.00	119	40-160			30	
2,2-Dichloropropane	101		"	50.0	0.00	201	38-130	High Bias		31	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40351 - EPA 5035A											
Matrix Spike (BJ40351-MS1) Matrix Spike	*Source sample: 24J0297-01 (PE47_17.5)							Prepared & Analyzed: 10/04/2024			
2-Butanone	78.5		ug/L	50.0	0.00	157	40-160			30	
2-Chlorotoluene	64.6		"	50.0	0.00	129	14-144			49	
2-Hexanone	75.9		"	50.0	0.00	152	40-160			30	
4-Chlorotoluene	65.0		"	50.0	0.00	130	15-138			39	
4-Methyl-2-pentanone	57.0		"	50.0	0.00	114	40-160			30	
Acetone	57.1		"	50.0	12.1	89.9	40-160			30	
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias		128	
Acrylonitrile	85.0		"	50.0	0.00	170	13-161	High Bias		48	
Benzene	79.0		"	50.0	0.00	158	70-130	High Bias		30	
Bromobenzene	66.5		"	50.0	0.00	133	23-142			44	
Bromochloromethane	77.5		"	50.0	0.00	155	70-130	High Bias		30	
Bromodichloromethane	69.0		"	50.0	0.00	138	70-130	High Bias		30	
Bromoform	72.3		"	50.0	0.00	145	70-130	High Bias		30	
Bromomethane	63.1		"	50.0	0.00	126	40-160			30	
Carbon disulfide	79.7		"	50.0	0.00	159	40-160			30	
Carbon tetrachloride	82.6		"	50.0	0.00	165	70-130	High Bias		30	
Chlorobenzene	64.2		"	50.0	0.00	128	70-130			30	
Chloroethane	74.3		"	50.0	0.00	149	40-160			30	
Chloroform	77.8		"	50.0	0.00	156	70-130	High Bias		30	
Chloromethane	75.9		"	50.0	0.00	152	40-160			30	
cis-1,2-Dichloroethylene	80.5		"	50.0	0.00	161	70-130	High Bias		30	
cis-1,3-Dichloropropylene	71.5		"	50.0	0.00	143	70-130	High Bias		30	
Cyclohexane	83.4		"	50.0	0.00	167	70-130	High Bias		30	
Dibromochloromethane	68.8		"	50.0	0.00	138	70-130	High Bias		30	
Dibromomethane	65.8		"	50.0	0.00	132	47-143			41	
Dichlorodifluoromethane	84.8		"	50.0	0.00	170	40-160	High Bias		30	
Ethyl Benzene	68.4		"	50.0	0.00	137	70-130	High Bias		30	
Hexachlorobutadiene	60.6		"	50.0	0.00	121	10-158			45	
Isopropylbenzene	65.8		"	50.0	0.00	132	70-130	High Bias		30	
Methyl acetate	81.0		"	50.0	0.00	162	70-130	High Bias		30	
Methyl tert-butyl ether (MTBE)	91.2		"	50.0	0.00	182	70-130	High Bias		30	
Methylcyclohexane	64.9		"	50.0	0.00	130	70-130			30	
Methylene chloride	84.5		"	50.0	9.19	151	70-130	High Bias		30	
n-Butylbenzene	66.2		"	50.0	0.00	132	10-162			96	
n-Propylbenzene	63.7		"	50.0	0.00	127	10-155			56	
o-Xylene	67.2		"	50.0	0.00	134	70-130	High Bias		30	
p- & m- Xylenes	131		"	100	0.00	131	70-130	High Bias		30	
p-Isopropyltoluene	67.9		"	50.0	0.00	136	10-147			60	
sec-Butylbenzene	66.4		"	50.0	0.00	133	10-157			56	
Styrene	65.4		"	50.0	0.00	131	70-130	High Bias		30	
tert-Butyl alcohol (TBA)	479		"	250	4.28	190	34-179	High Bias		35	
tert-Butylbenzene	56.9		"	50.0	0.00	114	10-160			79	
Tetrachloroethylene	56.8		"	50.0	0.00	114	70-130			30	
Toluene	66.3		"	50.0	0.00	133	70-130	High Bias		30	
trans-1,2-Dichloroethylene	80.7		"	50.0	0.00	161	70-130	High Bias		30	
trans-1,3-Dichloropropylene	77.9		"	50.0	0.00	156	70-130	High Bias		30	
Trichloroethylene	65.9		"	50.0	0.00	132	70-130	High Bias		30	
Trichlorofluoromethane	74.8		"	50.0	0.00	150	40-160			30	
Vinyl Chloride	77.0		"	50.0	0.00	154	70-130	High Bias		30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.9*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*44.6*		*"*	*50.0*		*89.2*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40351 - EPA 5035A											
Matrix Spike (BJ40351-MS1) Matrix Spike	*Source sample: 24J0297-01 (PE47_17.5)								Prepared & Analyzed: 10/04/2024		
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*ug/L*	*50.0*		*102*	*76-130*				
Matrix Spike Dup (BJ40351-M Matrix Spike Dup	*Source sample: 24J0297-01 (PE47_17.5)								Prepared & Analyzed: 10/04/2024		
1,1,1,2-Tetrachloroethane	71.0		ug/L	50.0	0.00	142	15-161		3.32	33	
1,1,1-Trichloroethane	81.9		"	50.0	0.00	164	70-130	High Bias	1.76	30	
1,1,2,2-Tetrachloroethane	74.4		"	50.0	0.00	149	70-130	High Bias	4.73	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	81.2		"	50.0	0.00	162	70-130	High Bias	0.531	30	
1,1,2-Trichloroethane	70.1		"	50.0	0.00	140	70-130	High Bias	3.45	30	
1,1-Dichloroethane	79.3		"	50.0	0.00	159	70-130	High Bias	0.874	30	
1,1-Dichloroethylene	86.1		"	50.0	0.00	172	70-130	High Bias	0.489	30	
1,1-Dichloropropylene	82.4		"	50.0	0.00	165	40-133	High Bias	0.316	28	
1,2,3-Trichlorobenzene	62.8		"	50.0	0.00	126	70-130		4.50	30	
1,2,3-Trichloropropane	71.3		"	50.0	0.00	143	38-155		10.2	48	
1,2,4-Trichlorobenzene	64.7		"	50.0	0.00	129	70-130		9.38	30	
1,2,4-Trimethylbenzene	69.4		"	50.0	0.00	139	10-170		6.33	242	
1,2-Dibromo-3-chloropropane	78.1		"	50.0	0.00	156	40-160		6.01	30	
1,2-Dibromoethane	72.5		"	50.0	0.00	145	70-130	High Bias	5.28	30	
1,2-Dichlorobenzene	64.9		"	50.0	0.00	130	70-130		5.90	30	
1,2-Dichloroethane	82.4		"	50.0	0.00	165	70-130	High Bias	0.828	30	
1,2-Dichloropropane	72.4		"	50.0	0.00	145	70-130	High Bias	5.62	30	
1,3,5-Trimethylbenzene	68.2		"	50.0	0.00	136	10-150		4.67	62	
1,3-Dichlorobenzene	64.1		"	50.0	0.00	128	70-130		4.32	30	
1,3-Dichloropropane	72.6		"	50.0	0.00	145	43-142	High Bias	4.36	36	
1,4-Dichlorobenzene	59.2		"	50.0	0.00	118	70-130		5.56	30	
1,4-Dioxane	1550		"	1050	0.00	148	40-160		21.4	30	
2,2-Dichloropropane	104		"	50.0	0.00	207	38-130	High Bias	2.93	31	
2-Butanone	83.5		"	50.0	0.00	167	40-160	High Bias	6.12	30	
2-Chlorotoluene	66.5		"	50.0	0.00	133	14-144		2.90	49	
2-Hexanone	82.8		"	50.0	0.00	166	40-160	High Bias	8.77	30	
4-Chlorotoluene	68.4		"	50.0	0.00	137	15-138		5.14	39	
4-Methyl-2-pentanone	62.2		"	50.0	0.00	124	40-160		8.69	30	
Acetone	58.1		"	50.0	12.7	90.9	40-160		1.72	30	
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias		128	
Acrylonitrile	87.5		"	50.0	0.00	175	13-161	High Bias	2.93	48	
Benzene	79.7		"	50.0	0.00	159	70-130	High Bias	0.781	30	
Bromobenzene	69.0		"	50.0	0.00	138	23-142		3.75	44	
Bromochloromethane	78.4		"	50.0	0.00	157	70-130	High Bias	1.10	30	
Bromodichloromethane	72.4		"	50.0	0.00	145	70-130	High Bias	4.79	30	
Bromoform	75.6		"	50.0	0.00	151	70-130	High Bias	4.50	30	
Bromomethane	64.4		"	50.0	0.00	129	40-160		2.05	30	
Carbon disulfide	83.9		"	50.0	0.00	168	40-160	High Bias	5.10	30	
Carbon tetrachloride	83.3		"	50.0	0.00	167	70-130	High Bias	0.796	30	
Chlorobenzene	66.1		"	50.0	0.00	132	70-130	High Bias	2.95	30	
Chloroethane	74.4		"	50.0	0.00	149	40-160		0.148	30	
Chloroform	78.6		"	50.0	0.00	157	70-130	High Bias	1.05	30	
Chloromethane	76.4		"	50.0	0.00	153	40-160		0.696	30	
cis-1,2-Dichloroethylene	80.8		"	50.0	0.00	162	70-130	High Bias	0.372	30	
cis-1,3-Dichloropropylene	74.4		"	50.0	0.00	149	70-130	High Bias	3.89	30	
Cyclohexane	84.3		"	50.0	0.00	169	70-130	High Bias	1.06	30	
Dibromochloromethane	72.7		"	50.0	0.00	145	70-130	High Bias	5.54	30	
Dibromomethane	68.4		"	50.0	0.00	137	47-143		3.98	41	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40351 - EPA 5035A											
Matrix Spike Dup (BJ40351-M Matrix Spike Dup	*Source sample: 24J0297-01 (PE47_17.5)								Prepared & Analyzed: 10/04/2024		
Dichlorodifluoromethane	83.6		ug/L	50.0	0.00	167	40-160	High Bias	1.52	30	
Ethyl Benzene	71.4		"	50.0	0.00	143	70-130	High Bias	4.29	30	
Hexachlorobutadiene	64.6		"	50.0	0.00	129	10-158		6.43	45	
Isopropylbenzene	68.7		"	50.0	0.00	137	70-130	High Bias	4.37	30	
Methyl acetate	84.6		"	50.0	0.00	169	70-130	High Bias	4.32	30	
Methyl tert-butyl ether (MTBE)	95.3		"	50.0	0.00	191	70-130	High Bias	4.36	30	
Methylcyclohexane	67.0		"	50.0	0.00	134	70-130	High Bias	3.17	30	
Methylene chloride	87.0		"	50.0	9.59	155	70-130	High Bias	2.88	30	
n-Butylbenzene	69.4		"	50.0	0.00	139	10-162		4.72	96	
n-Propylbenzene	67.0		"	50.0	0.00	134	10-155		5.11	56	
o-Xylene	69.5		"	50.0	0.00	139	70-130	High Bias	3.31	30	
p- & m- Xylenes	138		"	100	0.00	138	70-130	High Bias	5.19	30	
p-Isopropyltoluene	68.5		"	50.0	0.00	137	10-147		0.880	60	
sec-Butylbenzene	68.8		"	50.0	0.00	138	10-157		3.58	56	
Styrene	66.5		"	50.0	0.00	133	70-130	High Bias	1.77	30	
tert-Butyl alcohol (TBA)	563		"	250	4.46	224	34-179	High Bias	16.2	35	
tert-Butylbenzene	59.0		"	50.0	0.00	118	10-160		3.52	79	
Tetrachloroethylene	61.6		"	50.0	0.00	123	70-130		7.96	30	
Toluene	68.8		"	50.0	0.00	138	70-130	High Bias	3.67	30	
trans-1,2-Dichloroethylene	81.7		"	50.0	0.00	163	70-130	High Bias	1.22	30	
trans-1,3-Dichloropropylene	82.6		"	50.0	0.00	165	70-130	High Bias	5.83	30	
Trichloroethylene	70.2		"	50.0	0.00	140	70-130	High Bias	6.33	30	
Trichlorofluoromethane	75.8		"	50.0	0.00	152	40-160		1.30	30	
Vinyl Chloride	78.3		"	50.0	0.00	157	70-130	High Bias	1.74	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.8*		*"*	*50.0*		*93.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.1*		*"*	*50.0*		*106*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40504 - EPA 3550C											
Blank (BJ40504-BLK1) Blank									Prepared: 10/08/2024 Analyzed: 10/09/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40504 - EPA 3550C											
Blank (BJ40504-BLK1) Blank									Prepared: 10/08/2024 Analyzed: 10/09/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.45*		"	*1.66*		*87.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.38*		"	*1.66*		*82.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.732*		"	*0.831*		*88.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.794*		"	*0.831*		*95.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.52*		"	*1.66*		*91.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.805*		"	*0.831*		*96.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40504 - EPA 3550C											
LCS (BJ40504-BS1) LCS									Prepared: 10/08/2024 Analyzed: 10/09/2024		
1,1-Biphenyl	0.741	0.0416	mg/kg wet	0.831		89.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.744	0.0830	"	0.831		89.5	21-131				
1,2,4-Trichlorobenzene	0.801	0.0416	"	1.25		64.3	10-140				
1,2-Dichlorobenzene	0.714	0.0416	"	1.25		57.3	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.687	0.0416	"	1.25		55.2	17-137				
1,3-Dichlorobenzene	0.710	0.0416	"	1.25		57.0	33-110				
1,4-Dichlorobenzene	0.693	0.0416	"	1.25		55.6	32-104				
2,3,4,6-Tetrachlorophenol	0.918	0.0830	"	1.25		73.7	30-130				
2,4,5-Trichlorophenol	0.816	0.0416	"	1.25		65.5	27-118				
2,4,6-Trichlorophenol	0.786	0.0416	"	1.25		63.1	31-120				
2,4-Dichlorophenol	0.846	0.0416	"	1.25		67.9	20-127				
2,4-Dimethylphenol	0.909	0.0416	"	1.25		73.0	14-132				
2,4-Dinitrophenol	0.739	0.0830	"	1.25		59.3	10-171				
2,4-Dinitrotoluene	0.796	0.0416	"	1.25		63.9	34-131				
2,6-Dinitrotoluene	0.795	0.0416	"	1.25		63.8	31-128				
2-Chloronaphthalene	0.738	0.0416	"	1.25		59.3	31-117				
2-Chlorophenol	0.759	0.0416	"	1.25		61.0	33-113				
2-Methylnaphthalene	0.704	0.0416	"	1.25		56.5	12-138				
2-Methylphenol	0.738	0.0416	"	1.25		59.3	10-136				
2-Nitroaniline	0.769	0.0830	"	1.25		61.7	27-132				
2-Nitrophenol	0.868	0.0416	"	1.25		69.7	17-129				
3- & 4-Methylphenols	0.652	0.0416	"	1.25		52.4	29-103				
3,3-Dichlorobenzidine	0.625	0.0416	"	0.831		75.3	22-149				
3-Nitroaniline	0.620	0.0830	"	1.25		49.8	20-133				
4,6-Dinitro-2-methylphenol	1.03	0.0830	"	1.25		83.0	10-143				
4-Bromophenyl phenyl ether	0.761	0.0416	"	1.25		61.1	29-120				
4-Chloro-3-methylphenol	0.800	0.0416	"	1.25		64.2	24-129				
4-Chloroaniline	0.544	0.0416	"	1.25		43.6	10-132				
4-Chlorophenyl phenyl ether	0.752	0.0416	"	1.25		60.4	27-124				
4-Nitroaniline	0.685	0.0830	"	1.25		55.0	16-128				
4-Nitrophenol	0.702	0.0830	"	1.25		56.3	10-141				
Acenaphthene	0.690	0.0416	"	1.25		55.4	30-121				
Acenaphthylene	0.749	0.0416	"	1.25		60.1	30-115				
Acetophenone	0.694	0.0416	"	0.831		83.6	20-112				
Aniline	0.770	0.166	"	1.25		61.8	10-119				
Anthracene	0.768	0.0416	"	1.25		61.7	34-118				
Atrazine	0.748	0.0416	"	0.831		90.0	26-112				
Benzaldehyde	0.684	0.0416	"	0.831		82.4	21-100				
Benzo(a)anthracene	0.747	0.0416	"	1.25		60.0	32-122				
Benzo(a)pyrene	0.684	0.0416	"	1.25		54.9	29-133				
Benzo(b)fluoranthene	0.714	0.0416	"	1.25		57.3	25-133				
Benzo(g,h,i)perylene	0.821	0.0416	"	1.25		65.9	10-143				
Benzo(k)fluoranthene	0.747	0.0416	"	1.25		59.9	25-128				
Benzoic acid	0.266	0.0416	"	0.831		32.0	10-140				
Benzyl alcohol	0.689	0.0416	"	1.25		55.3	30-115				
Benzyl butyl phthalate	0.741	0.0416	"	1.25		59.5	26-126				
Bis(2-chloroethoxy)methane	0.772	0.0416	"	1.25		61.9	19-132				
Bis(2-chloroethyl)ether	0.683	0.0416	"	1.25		54.9	19-125				
Bis(2-chloroisopropyl)ether	0.660	0.0416	"	1.25		53.0	20-135				
Bis(2-ethylhexyl)phthalate	0.738	0.0416	"	1.25		59.2	10-155				
Caprolactam	0.888	0.0830	"	0.831		107	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40504 - EPA 3550C											
LCS (BJ40504-BS1) LCS									Prepared: 10/08/2024 Analyzed: 10/09/2024		
Carbazole	0.736	0.0416	mg/kg wet	1.25		59.1	35-123				
Chrysene	0.756	0.0416	"	1.25		60.7	32-123				
Dibenzo(a,h)anthracene	0.783	0.0416	"	1.25		62.8	10-136				
Dibenzofuran	0.726	0.0416	"	1.25		58.3	29-121				
Diethyl phthalate	0.713	0.0416	"	1.25		57.2	34-116				
Dimethyl phthalate	0.746	0.0416	"	1.25		59.8	35-124				
Di-n-butyl phthalate	0.768	0.0416	"	1.25		61.7	31-116				
Di-n-octyl phthalate	0.702	0.0416	"	1.25		56.3	26-136				
Fluoranthene	0.770	0.0416	"	1.25		61.8	33-122				
Fluorene	0.714	0.0416	"	1.25		57.3	29-123				
Hexachlorobenzene	0.704	0.0416	"	1.25		56.5	21-124				
Hexachlorobutadiene	0.830	0.0416	"	1.25		66.6	10-149				
Hexachlorocyclopentadiene	0.752	0.0416	"	1.25		60.3	10-129				
Hexachloroethane	0.675	0.0416	"	1.25		54.2	28-108				
Indeno(1,2,3-cd)pyrene	0.796	0.0416	"	1.25		63.9	10-135				
Isophorone	0.749	0.0416	"	1.25		60.1	20-132				
Naphthalene	0.767	0.0416	"	1.25		61.6	23-124				
Nitrobenzene	0.757	0.0416	"	1.25		60.7	13-132				
N-Nitrosodimethylamine	0.613	0.0416	"	1.25		49.2	11-129				
N-nitroso-di-n-propylamine	0.652	0.0416	"	1.25		52.4	24-119				
N-Nitrosodiphenylamine	0.848	0.0416	"	1.25		68.1	22-152				
Pentachlorophenol	0.833	0.0416	"	1.25		66.9	10-139				
Phenanthrene	0.727	0.0416	"	1.25		58.3	33-123				
Phenol	0.737	0.0416	"	1.25		59.1	23-115				
Pyrene	0.765	0.0416	"	1.25		61.4	24-130				
Pyridine	0.431	0.166	"	1.25		34.6	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.46*		"	*1.66*		*87.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.41*		"	*1.66*		*84.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.807*		"	*0.831*		*97.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.807*		"	*0.831*		*97.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.66*		"	*1.66*		*99.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.847*		"	*0.831*		*102*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40504 - EPA 3550C											
Matrix Spike (BJ40504-MS1) Matrix Spike *Source sample: 24J0297-01 (PE47_17.5)								Prepared: 10/08/2024 Analyzed: 10/09/2024			
1,1-Biphenyl	0.824	0.0910	mg/kg dry	0.909	ND	90.6	10-130				
1,2,4,5-Tetrachlorobenzene	0.856	0.182	"	0.909	ND	94.1	10-133				
1,2,4-Trichlorobenzene	0.906	0.0910	"	1.36	ND	66.4	10-127				
1,2-Dichlorobenzene	0.781	0.0910	"	1.36	ND	57.2	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.687	0.0910	"	1.36	ND	50.3	10-144				
1,3-Dichlorobenzene	0.781	0.0910	"	1.36	ND	57.2	11-111				
1,4-Dichlorobenzene	0.753	0.0910	"	1.36	ND	55.2	10-106				
2,3,4,6-Tetrachlorophenol	1.02	0.182	"	1.36	ND	74.5	30-130				
2,4,5-Trichlorophenol	0.921	0.0910	"	1.36	ND	67.5	10-127				
2,4,6-Trichlorophenol	0.872	0.0910	"	1.36	ND	63.9	10-132				
2,4-Dichlorophenol	0.936	0.0910	"	1.36	ND	68.6	10-128				
2,4-Dimethylphenol	0.973	0.0910	"	1.36	ND	71.3	10-137				
2,4-Dinitrophenol	1.03	0.182	"	1.36	ND	75.6	10-171				
2,4-Dinitrotoluene	0.936	0.0910	"	1.36	ND	68.6	16-135				
2,6-Dinitrotoluene	0.913	0.0910	"	1.36	ND	66.9	18-131				
2-Chloronaphthalene	0.823	0.0910	"	1.36	ND	60.3	10-129				
2-Chlorophenol	0.776	0.0910	"	1.36	ND	56.9	15-116				
2-Methylnaphthalene	0.800	0.0910	"	1.36	ND	58.7	10-147				
2-Methylphenol	0.827	0.0910	"	1.36	ND	60.6	10-136				
2-Nitroaniline	0.873	0.182	"	1.36	ND	64.0	10-137				
2-Nitrophenol	0.919	0.0910	"	1.36	ND	67.4	10-129				
3- & 4-Methylphenols	0.730	0.0910	"	1.36	ND	53.5	10-123				
3,3-Dichlorobenzidine	0.705	0.0910	"	0.909	ND	77.5	10-155				
3-Nitroaniline	0.732	0.182	"	1.36	ND	53.7	12-133				
4,6-Dinitro-2-methylphenol	1.01	0.182	"	1.36	ND	74.1	10-155				
4-Bromophenyl phenyl ether	0.785	0.0910	"	1.36	ND	57.5	14-128				
4-Chloro-3-methylphenol	0.909	0.0910	"	1.36	ND	66.7	10-134				
4-Chloroaniline	0.679	0.0910	"	1.36	ND	49.8	10-145				
4-Chlorophenyl phenyl ether	0.838	0.0910	"	1.36	ND	61.4	14-130				
4-Nitroaniline	0.811	0.182	"	1.36	ND	59.5	10-147				
4-Nitrophenol	0.805	0.182	"	1.36	ND	59.0	10-137				
Acenaphthene	0.773	0.0910	"	1.36	ND	56.7	10-146				
Acenaphthylene	0.864	0.0910	"	1.36	ND	63.3	10-134				
Acetophenone	0.763	0.0910	"	0.909	ND	83.9	10-116				
Aniline	0.776	0.365	"	1.36	ND	56.9	10-123				
Anthracene	0.835	0.0910	"	1.36	ND	61.2	10-142				
Atrazine	0.793	0.0910	"	0.909	ND	87.2	19-115				
Benzaldehyde	0.811	0.0910	"	0.909	ND	89.1	10-125				
Benzo(a)anthracene	0.843	0.0910	"	1.36	ND	61.8	10-158				
Benzo(a)pyrene	0.813	0.0910	"	1.36	ND	59.6	10-180				
Benzo(b)fluoranthene	0.851	0.0910	"	1.36	ND	62.4	10-200				
Benzo(g,h,i)perylene	0.927	0.0910	"	1.36	ND	67.9	10-138				
Benzo(k)fluoranthene	0.852	0.0910	"	1.36	ND	62.5	10-197				
Benzoic acid	0.0720	0.0910	"	0.909	ND	7.92	10-166	Low Bias			
Benzyl alcohol	0.783	0.0910	"	1.36	ND	57.4	12-124				
Benzyl butyl phthalate	0.760	0.0910	"	1.36	ND	55.7	10-154				
Bis(2-chloroethoxy)methane	0.824	0.0910	"	1.36	ND	60.4	10-132				
Bis(2-chloroethyl)ether	0.733	0.0910	"	1.36	ND	53.8	10-119				
Bis(2-chloroisopropyl)ether	0.748	0.0910	"	1.36	ND	54.8	10-139				
Bis(2-ethylhexyl)phthalate	0.768	0.0910	"	1.36	ND	56.3	10-167				
Caprolactam	0.962	0.182	"	0.909	ND	106	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40504 - EPA 3550C											
Matrix Spike (BJ40504-MS1) Matrix Spike *Source sample: 24J0297-01 (PE47_17.5)									Prepared: 10/08/2024 Analyzed: 10/09/2024		
Carbazole	0.774	0.0910	mg/kg dry	1.36	ND	56.7	10-167				
Chrysene	0.861	0.0910	"	1.36	ND	63.1	10-156				
Dibenzo(a,h)anthracene	0.877	0.0910	"	1.36	ND	64.3	10-137				
Dibenzofuran	0.829	0.0910	"	1.36	ND	60.7	10-147				
Diethyl phthalate	0.813	0.0910	"	1.36	ND	59.6	20-120				
Dimethyl phthalate	0.844	0.0910	"	1.36	ND	61.9	18-131				
Di-n-butyl phthalate	0.785	0.0910	"	1.36	ND	57.5	10-137				
Di-n-octyl phthalate	0.776	0.0910	"	1.36	ND	56.9	10-180				
Fluoranthene	0.764	0.0910	"	1.36	ND	56.0	10-160				
Fluorene	0.794	0.0910	"	1.36	ND	58.2	10-157				
Hexachlorobenzene	0.765	0.0910	"	1.36	ND	56.1	10-137				
Hexachlorobutadiene	0.938	0.0910	"	1.36	ND	68.7	10-132				
Hexachlorocyclopentadiene	0.813	0.0910	"	1.36	ND	59.6	10-106				
Hexachloroethane	0.783	0.0910	"	1.36	ND	57.4	10-110				
Indeno(1,2,3-cd)pyrene	0.889	0.0910	"	1.36	ND	65.2	10-144				
Isophorone	0.818	0.0910	"	1.36	ND	59.9	10-132				
Naphthalene	0.839	0.0910	"	1.36	ND	61.5	10-141				
Nitrobenzene	0.847	0.0910	"	1.36	ND	62.1	10-131				
N-Nitrosodimethylamine	0.691	0.0910	"	1.36	ND	50.7	10-126				
N-nitroso-di-n-propylamine	0.705	0.0910	"	1.36	ND	51.7	10-125				
N-Nitrosodiphenylamine	0.839	0.0910	"	1.36	ND	61.5	10-177				
Pentachlorophenol	0.837	0.0910	"	1.36	ND	61.3	10-153				
Phenanthrene	0.827	0.0910	"	1.36	ND	60.6	10-148				
Phenol	0.798	0.0910	"	1.36	ND	58.5	10-126				
Pyrene	0.864	0.0910	"	1.36	ND	63.3	10-165				
Pyridine	0.463	0.365	"	1.36	ND	34.0	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.62*		"	*1.82*		*88.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.56*		"	*1.82*		*85.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.883*		"	*0.909*		*97.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.885*		"	*0.909*		*97.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.74*		"	*1.82*		*95.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.896*		"	*0.909*		*98.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BJ40504 - EPA 3550C

Matrix Spike Dup (BJ40504-M Matrix Spike Dup Source sample: 24J0297-01 (PE47_17.5) Prepared: 10/08/2024 Analyzed: 10/09/2024

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.629	0.0910	mg/kg dry	0.909	ND	69.1	10-130		26.9	30	
1,2,4,5-Tetrachlorobenzene	0.633	0.182	"	0.909	ND	69.6	10-133		29.9	30	
1,2,4-Trichlorobenzene	0.692	0.0910	"	1.36	ND	50.7	10-127		26.8	30	
1,2-Dichlorobenzene	0.625	0.0910	"	1.36	ND	45.8	14-111		22.2	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.574	0.0910	"	1.36	ND	42.1	10-144		17.9	30	
1,3-Dichlorobenzene	0.623	0.0910	"	1.36	ND	45.7	11-111		22.5	30	
1,4-Dichlorobenzene	0.613	0.0910	"	1.36	ND	45.0	10-106		20.4	30	
2,3,4,6-Tetrachlorophenol	0.770	0.182	"	1.36	ND	56.4	30-130		27.6	30	
2,4,5-Trichlorophenol	0.692	0.0910	"	1.36	ND	50.7	10-127		28.4	30	
2,4,6-Trichlorophenol	0.662	0.0910	"	1.36	ND	48.5	10-132		27.4	30	
2,4-Dichlorophenol	0.715	0.0910	"	1.36	ND	52.4	10-128		26.8	30	
2,4-Dimethylphenol	0.754	0.0910	"	1.36	ND	55.3	10-137		25.4	30	
2,4-Dinitrophenol	0.771	0.182	"	1.36	ND	56.5	10-171		28.9	30	
2,4-Dinitrotoluene	0.699	0.0910	"	1.36	ND	51.3	16-135		28.9	30	
2,6-Dinitrotoluene	0.684	0.0910	"	1.36	ND	50.1	18-131		28.7	30	
2-Chloronaphthalene	0.636	0.0910	"	1.36	ND	46.6	10-129		25.6	30	
2-Chlorophenol	0.667	0.0910	"	1.36	ND	48.9	15-116		15.0	30	
2-Methylnaphthalene	0.596	0.0910	"	1.36	ND	43.7	10-147		29.3	30	
2-Methylphenol	0.646	0.0910	"	1.36	ND	47.4	10-136		24.5	30	
2-Nitroaniline	0.649	0.182	"	1.36	ND	47.6	10-137		29.4	30	
2-Nitrophenol	0.725	0.0910	"	1.36	ND	53.2	10-129		23.5	30	
3- & 4-Methylphenols	0.579	0.0910	"	1.36	ND	42.5	10-123		23.0	30	
3,3-Dichlorobenzidine	0.518	0.0910	"	0.909	ND	57.0	10-155		30.6	30	Non-dir.
3-Nitroaniline	0.572	0.182	"	1.36	ND	41.9	12-133		24.6	30	
4,6-Dinitro-2-methylphenol	0.804	0.182	"	1.36	ND	58.9	10-155		22.8	30	
4-Bromophenyl phenyl ether	0.621	0.0910	"	1.36	ND	45.5	14-128		23.4	30	
4-Chloro-3-methylphenol	0.703	0.0910	"	1.36	ND	51.5	10-134		25.6	30	
4-Chloroaniline	0.529	0.0910	"	1.36	ND	38.8	10-145		24.8	30	
4-Chlorophenyl phenyl ether	0.656	0.0910	"	1.36	ND	48.1	14-130		24.3	30	
4-Nitroaniline	0.607	0.182	"	1.36	ND	44.5	10-147		28.8	30	
4-Nitrophenol	0.642	0.182	"	1.36	ND	47.0	10-137		22.6	30	
Acenaphthene	0.605	0.0910	"	1.36	ND	44.3	10-146		24.5	30	
Acenaphthylene	0.651	0.0910	"	1.36	ND	47.7	10-134		28.0	30	
Acetophenone	0.616	0.0910	"	0.909	ND	67.7	10-116		21.4	30	
Aniline	0.629	0.365	"	1.36	ND	46.1	10-123		20.9	30	
Anthracene	0.629	0.0910	"	1.36	ND	46.1	10-142		28.1	30	
Atrazine	0.634	0.0910	"	0.909	ND	69.8	19-115		22.2	30	
Benzaldehyde	0.632	0.0910	"	0.909	ND	69.4	10-125		24.8	30	
Benzo(a)anthracene	0.642	0.0910	"	1.36	ND	47.0	10-158		27.1	30	
Benzo(a)pyrene	0.597	0.0910	"	1.36	ND	43.7	10-180		30.8	30	Non-dir.
Benzo(b)fluoranthene	0.620	0.0910	"	1.36	ND	45.4	10-200		31.5	30	Non-dir.
Benzo(g,h,i)perylene	0.696	0.0910	"	1.36	ND	51.0	10-138		28.5	30	
Benzo(k)fluoranthene	0.641	0.0910	"	1.36	ND	47.0	10-197		28.3	30	
Benzoic acid	0.0931	0.0910	"	0.909	ND	10.2	10-166		25.6	30	
Benzyl alcohol	0.616	0.0910	"	1.36	ND	45.2	12-124		23.8	30	
Benzyl butyl phthalate	0.587	0.0910	"	1.36	ND	43.0	10-154		25.6	30	
Bis(2-chloroethoxy)methane	0.658	0.0910	"	1.36	ND	48.2	10-132		22.4	30	
Bis(2-chloroethyl)ether	0.608	0.0910	"	1.36	ND	44.6	10-119		18.7	30	
Bis(2-chloroisopropyl)ether	0.581	0.0910	"	1.36	ND	42.6	10-139		25.2	30	
Bis(2-ethylhexyl)phthalate	0.603	0.0910	"	1.36	ND	44.2	10-167		24.0	30	
Caprolactam	0.751	0.182	"	0.909	ND	82.6	10-132		24.6	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40504 - EPA 3550C											
Matrix Spike Dup (BJ40504-M Matrix Spike Dup	*Source sample: 24J0297-01 (PE47_17.5)								Prepared: 10/08/2024 Analyzed: 10/09/2024		
Carbazole	0.612	0.0910	mg/kg dry	1.36	ND	44.9	10-167		23.4	30	
Chrysene	0.653	0.0910	"	1.36	ND	47.8	10-156		27.6	30	
Dibenzo(a,h)anthracene	0.654	0.0910	"	1.36	ND	47.9	10-137		29.1	30	
Dibenzofuran	0.650	0.0910	"	1.36	ND	47.6	10-147		24.2	30	
Diethyl phthalate	0.631	0.0910	"	1.36	ND	46.2	20-120		25.2	30	
Dimethyl phthalate	0.638	0.0910	"	1.36	ND	46.8	18-131		27.8	30	
Di-n-butyl phthalate	0.594	0.0910	"	1.36	ND	43.5	10-137		27.8	30	
Di-n-octyl phthalate	0.568	0.0910	"	1.36	ND	41.7	10-180		30.9	30	Non-dir.
Fluoranthene	0.622	0.0910	"	1.36	ND	45.6	10-160		20.5	30	
Fluorene	0.632	0.0910	"	1.36	ND	46.3	10-157		22.8	30	
Hexachlorobenzene	0.626	0.0910	"	1.36	ND	45.9	10-137		20.0	30	
Hexachlorobutadiene	0.716	0.0910	"	1.36	ND	52.5	10-132		26.8	30	
Hexachlorocyclopentadiene	0.594	0.0910	"	1.36	ND	43.6	10-106		31.0	30	Non-dir.
Hexachloroethane	0.602	0.0910	"	1.36	ND	44.2	10-110		26.1	30	
Indeno(1,2,3-cd)pyrene	0.671	0.0910	"	1.36	ND	49.2	10-144		28.0	30	
Isophorone	0.632	0.0910	"	1.36	ND	46.3	10-132		25.7	30	
Naphthalene	0.669	0.0910	"	1.36	ND	49.0	10-141		22.6	30	
Nitrobenzene	0.661	0.0910	"	1.36	ND	48.4	10-131		24.7	30	
N-Nitrosodimethylamine	0.584	0.0910	"	1.36	ND	42.8	10-126		16.8	30	
N-nitroso-di-n-propylamine	0.567	0.0910	"	1.36	ND	41.5	10-125		21.7	30	
N-Nitrosodiphenylamine	0.688	0.0910	"	1.36	ND	50.5	10-177		19.7	30	
Pentachlorophenol	0.705	0.0910	"	1.36	ND	51.7	10-153		17.1	30	
Phenanthrene	0.636	0.0910	"	1.36	ND	46.6	10-148		26.1	30	
Phenol	0.650	0.0910	"	1.36	ND	47.7	10-126		20.4	30	
Pyrene	0.643	0.0910	"	1.36	ND	47.1	10-165		29.3	30	
Pyridine	0.385	0.365	"	1.36	ND	28.2	10-83		18.5	30	
Surrogate: SURR: 2-Fluorophenol	*1.45*		*"*	*1.82*		*79.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.31*		*"*	*1.82*		*72.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.714*		*"*	*0.909*		*78.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.705*		*"*	*0.909*		*77.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.41*		*"*	*1.82*		*77.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.733*		*"*	*0.909*		*80.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40408 - EPA 3550C											
Blank (BJ40408-BLK1) Blank									Prepared: 10/07/2024 Analyzed: 10/09/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*327*		*"*	*495*		*66.0*	*39-127.5*				
LCS (BJ40408-BS1) LCS									Prepared: 10/07/2024 Analyzed: 10/09/2024		
1,4-Dioxane	335	19.8	ug/kg	495		67.8	40-130				
Surrogate: 1,4-Dioxane-d8	*347*		*"*	*495*		*70.0*	*39-127.5*				
Matrix Spike (BJ40408-MS1) Matrix Spike *Source sample: 24J0297-01 (PE47_17.5)									Prepared: 10/07/2024 Analyzed: 10/09/2024		
1,4-Dioxane	290	19.8	ug/kg	495	ND	58.6	40-130				
Surrogate: 1,4-Dioxane-d8	*297*		*"*	*495*		*60.0*	*40-130*				
Matrix Spike Dup (BJ40408-M Matrix Spike Dup *Source sample: 24J0297-01 (PE47_17.5)									Prepared: 10/07/2024 Analyzed: 10/09/2024		
1,4-Dioxane	270	19.8	ug/kg	495	ND	54.6	40-130		7.07	30	
Surrogate: 1,4-Dioxane-d8	*267*		*"*	*495*		*54.0*	*40-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
Blank (BJ40531-BLK1) Blank									Prepared: 10/08/2024 Analyzed: 10/09/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.992	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.96	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*3.11*		"	*2.31*		*135*	*25-150*				
Surrogate: M5PFHxA	*3.48*		"	*2.48*		*140*	*25-150*				
Surrogate: M4PFHpA	*3.23*		"	*2.48*		*130*	*25-150*				
Surrogate: M3PFHxS	*2.87*		"	*2.35*		*122*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.24*		"	*2.48*		*131*	*25-150*				
Surrogate: M6PFDA	*1.62*		"	*1.24*		*130*	*25-150*				
Surrogate: M7PFUdA	*1.46*		"	*1.24*		*117*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.11*		"	*1.24*		*89.2*	*25-150*				
Surrogate: M2PFTeDA	*0.992*		"	*1.24*		*80.0*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
Blank (BJ40531-BLK1) Blank								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.91*		*ug/kg wet*	*9.92*		*69.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.24*		*"*	*2.38*		*136*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*7.09*		*"*	*4.96*		*143*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.64*		*"*	*2.48*		*66.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.38*		*"*	*4.96*		*68.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.55*		*"*	*4.96*		*71.5*	*25-150*				
Surrogate: M2-6:2 FTS	*5.16*		*"*	*4.72*		*109*	*25-200*				
Surrogate: M2-8:2 FTS	*6.86*		*"*	*4.76*		*144*	*25-200*				
Surrogate: M9PFNA	*1.48*		*"*	*1.24*		*120*	*25-150*				
Surrogate: M2-4:2 FTS	*2.40*		*"*	*4.65*		*51.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.62*		*"*	*2.48*		*65.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.29*		*"*	*2.48*		*52.1*	*25-150*				
Surrogate: M3HFPO-DA	*17.7*		*"*	*9.92*		*178*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.0*		*"*	*24.8*		*48.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.0*		*"*	*24.8*		*52.2*	*25-150*				
LCS (BJ40531-BS1) LCS								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Perfluorobutanesulfonic acid (PFBS)	3.30	0.177	ug/kg wet	3.54		93.2	50-150				
Perfluorohexanoic acid (PFHxA)	3.90	0.200	"	4.00		97.6	50-150				
Perfluoroheptanoic acid (PFHpA)	4.07	0.200	"	4.00		102	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.92	0.183	"	3.66		107	50-150				
Perfluorooctanoic acid (PFOA)	3.75	0.200	"	4.00		93.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.51	0.186	"	3.72		94.3	50-150				
Perfluorononanoic acid (PFNA)	3.79	0.200	"	4.00		94.7	50-150				
Perfluorodecanoic acid (PFDA)	3.42	0.200	"	4.00		85.5	50-150				
Perfluoroundecanoic acid (PFUnA)	5.12	0.200	"	4.00		128	50-150				
Perfluorododecanoic acid (PFDoA)	3.77	0.200	"	4.00		94.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.23	0.200	"	4.00		106	50-150				
Perfluorotetradecanoic acid (PFTA)	3.82	0.200	"	4.00		95.4	50-150				
N-MeFOSAA	4.19	0.200	"	4.00		105	50-150				
N-EtFOSAA	4.12	0.200	"	4.00		103	50-150				
Perfluoropentanoic acid (PFPeA)	7.55	0.400	"	8.00		94.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.97	0.200	"	4.00		74.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.53	0.200	"	3.82		92.4	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.22	0.193	"	3.86		83.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.6	0.760	"	15.2		102	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.7	0.768	"	15.4		96.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.6	0.800	"	16.0		97.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	12.0	0.356	"	7.12		168	50-150	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.27	0.400	"	8.00		90.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	6.62	0.400	"	8.00		82.7	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.28	0.400	"	8.00		91.0	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.02	0.188	"	3.76		107	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.8	0.750	"	15.0		98.3	50-150				
HFPO-DA (Gen-X)	7.77	0.800	"	8.00		97.1	50-150				
11CL-PF3OUdS	7.10	0.756	"	7.56		93.9	50-150				
9CL-PF3ONS	8.21	0.748	"	7.48		110	50-150				
ADONA	5.97	0.756	"	7.56		78.9	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
LCS (BJ40531-BS1) LCS									Prepared: 10/08/2024 Analyzed: 10/09/2024		
Perfluorododecanesulfonic acid (PFDoS)	1.98	0.194	ug/kg wet	3.88		51.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.33	0.192	"	3.84		86.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	14.8	1.00	"	16.0		92.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	73.5	5.00	"	80.0		91.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	59.7	5.00	"	80.0		74.6	50-150				
N-MeFOSE	36.8	2.00	"	40.0		92.0	50-150				
N-MeFOSA	4.20	0.200	"	4.00		105	50-150				
N-EtFOSE	40.6	2.00	"	40.0		102	50-150				
N-EtFOSA	3.98	0.200	"	4.00		99.5	50-150				
Surrogate: M3PFBS	*2.93*		"	*2.33*		*126*	*25-150*				
Surrogate: M5PFHxA	*3.00*		"	*2.50*		*120*	*25-150*				
Surrogate: M4PFHpA	*3.29*		"	*2.50*		*131*	*25-150*				
Surrogate: M3PFHxS	*2.78*		"	*2.37*		*117*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.12*		"	*2.50*		*125*	*25-150*				
Surrogate: M6PFDA	*1.56*		"	*1.25*		*124*	*25-150*				
Surrogate: M7PFUdA	*1.31*		"	*1.25*		*105*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.22*		"	*1.25*		*97.9*	*25-150*				
Surrogate: M2PFTeDA	*1.09*		"	*1.25*		*87.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.7*		"	*10.0*		*117*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.96*		"	*2.40*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.76*		"	*5.00*		*135*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.65*		"	*2.50*		*66.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.07*		"	*5.00*		*61.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.26*		"	*5.00*		*65.2*	*25-150*				
Surrogate: M2-6:2 FTS	*5.25*		"	*4.76*		*110*	*25-200*				
Surrogate: M2-8:2 FTS	*7.75*		"	*4.80*		*161*	*25-200*				
Surrogate: M9PFNA	*1.37*		"	*1.25*		*110*	*25-150*				
Surrogate: M2-4:2 FTS	*2.66*		"	*4.69*		*56.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.69*		"	*2.50*		*67.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.32*		"	*2.50*		*52.7*	*25-150*				
Surrogate: M3HFPO-DA	*16.0*		"	*10.0*		*160*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.1*		"	*25.0*		*48.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.6*		"	*25.0*		*54.2*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
LCS (BJ40531-BS2) LCS								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Perfluorobutanesulfonic acid (PFBS)	0.646	0.174	ug/kg wet	0.695		92.8	50-150				
Perfluorohexanoic acid (PFHxA)	0.763	0.196	"	0.786		97.1	50-150				
Perfluoroheptanoic acid (PFHpA)	0.824	0.196	"	0.786		105	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.772	0.180	"	0.719		107	50-150				
Perfluorooctanoic acid (PFOA)	0.642	0.196	"	0.786		81.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.739	0.183	"	0.731		101	50-150				
Perfluorononanoic acid (PFNA)	0.710	0.196	"	0.786		90.4	50-150				
Perfluorodecanoic acid (PFDA)	0.633	0.196	"	0.786		80.6	50-150				
Perfluoroundecanoic acid (PFUnA)	0.948	0.196	"	0.786		121	50-150				
Perfluorododecanoic acid (PFDoA)	0.692	0.196	"	0.786		88.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.847	0.196	"	0.786		108	50-150				
Perfluorotetradecanoic acid (PFTA)	0.812	0.196	"	0.786		103	50-150				
N-MeFOSAA	0.806	0.196	"	0.786		103	50-150				
N-EtFOSAA	0.723	0.196	"	0.786		92.0	50-150				
Perfluoropentanoic acid (PFPeA)	1.47	0.393	"	1.57		93.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.658	0.196	"	0.786		83.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.769	0.196	"	0.750		102	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.717	0.190	"	0.758		94.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.86	0.747	"	2.99		95.6	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.52	0.754	"	3.02		117	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.88	0.786	"	3.14		91.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	2.12	0.350	"	1.40		152	50-150	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.29	0.393	"	1.57		81.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.27	0.393	"	1.57		80.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.43	0.393	"	1.57		90.7	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.746	0.185	"	0.739		101	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.85	0.737	"	2.95		96.7	50-150				
HFPO-DA (Gen-X)	2.08	0.786	"	1.57		132	50-150				
11CL-PF3OUdS	1.48	0.743	"	1.49		99.6	50-150				
9CL-PF3ONS	1.57	0.735	"	1.47		107	50-150				
ADONA	1.16	0.743	"	1.49		77.9	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.557	0.191	"	0.762		73.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.659	0.189	"	0.754		87.4	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	2.58	0.982	"	3.14		81.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	13.3	4.91	"	15.7		84.6	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	10.7	4.91	"	15.7		68.0	50-150				
N-MeFOSE	6.88	1.96	"	7.86		87.6	50-150				
N-MeFOSA	0.973	0.196	"	0.786		124	50-150				
N-EtFOSE	8.02	1.96	"	7.86		102	50-150				
N-EtFOSA	0.841	0.196	"	0.786		107	50-150				
Surrogate: M3PFBS	*2.83*		"	*2.29*		*124*	*25-150*				
Surrogate: M5PFHxA	*3.19*		"	*2.46*		*130*	*25-150*				
Surrogate: M4PFHpA	*2.91*		"	*2.46*		*119*	*25-150*				
Surrogate: M3PFHxS	*2.79*		"	*2.33*		*120*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.16*		"	*2.46*		*129*	*25-150*				
Surrogate: M6PFDA	*1.49*		"	*1.23*		*121*	*25-150*				
Surrogate: M7PFUdA	*1.28*		"	*1.23*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.13*		"	*1.23*		*91.8*	*25-150*				
Surrogate: M2PFTeDA	*1.01*		"	*1.23*		*82.2*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
LCS (BJ40531-BS2) LCS								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		*ug/kg wet*	*9.82*		*116*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.78*		*"*	*2.35*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.66*		*"*	*4.91*		*136*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.37*		*"*	*2.46*		*55.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.01*		*"*	*4.91*		*61.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.25*		*"*	*4.91*		*66.2*	*25-150*				
Surrogate: M2-6:2 FTS	*4.74*		*"*	*4.67*		*102*	*25-200*				
Surrogate: M2-8:2 FTS	*6.48*		*"*	*4.72*		*137*	*25-200*				
Surrogate: M9PFNA	*1.44*		*"*	*1.23*		*117*	*25-150*				
Surrogate: M2-4:2 FTS	*2.28*		*"*	*4.61*		*49.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.69*		*"*	*2.46*		*68.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.43*		*"*	*2.46*		*58.1*	*25-150*				
Surrogate: M3HFPO-DA	*15.8*		*"*	*9.82*		*161*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.3*		*"*	*24.6*		*50.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.0*		*"*	*24.6*		*57.0*	*25-150*				
Matrix Spike (BJ40531-MS1) Matrix Spike *Source sample: 24J0297-01 (PE47_17.5)								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Perfluorobutanesulfonic acid (PFBS)	3.64	0.190	ug/kg dry	3.81	ND	95.7	25-150				
Perfluorohexanoic acid (PFHxA)	4.07	0.215	"	4.30	ND	94.7	25-150				
Perfluoroheptanoic acid (PFHpA)	4.98	0.215	"	4.30	ND	116	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.03	0.197	"	3.94	ND	102	25-150				
Perfluorooctanoic acid (PFOA)	3.79	0.215	"	4.30	ND	88.0	25-150				
Perfluorooctanesulfonic acid (PFOS)	4.33	0.200	"	4.00	ND	108	25-150				
Perfluorononanoic acid (PFNA)	4.04	0.215	"	4.30	ND	93.8	25-150				
Perfluorodecanoic acid (PFDA)	3.63	0.215	"	4.30	ND	84.3	25-150				
Perfluoroundecanoic acid (PFUnA)	5.16	0.215	"	4.30	ND	120	25-150				
Perfluorododecanoic acid (PFDoA)	3.93	0.215	"	4.30	ND	91.3	25-150				
Perfluorotridecanoic acid (PFTrDA)	4.63	0.215	"	4.30	ND	108	25-150				
Perfluorotetradecanoic acid (PFTA)	4.65	0.215	"	4.30	ND	108	25-150				
N-MeFOSAA	4.42	0.215	"	4.30	ND	103	25-150				
N-EtFOSAA	4.29	0.215	"	4.30	ND	99.7	25-150				
Perfluoropentanoic acid (PFPeA)	8.28	0.430	"	8.61	ND	96.3	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.26	0.215	"	4.30	ND	75.8	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.33	0.215	"	4.11	ND	105	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.89	0.208	"	4.15	ND	118	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.2	0.818	"	16.4	ND	92.9	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.1	0.826	"	16.5	ND	97.5	25-150				
Perfluoro-n-butanoic acid (PFBA)	16.9	0.861	"	17.2	ND	98.4	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	12.3	0.383	"	7.66	ND	160	25-150	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.45	0.430	"	8.61	ND	75.0	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.40	0.430	"	8.61	ND	86.0	25-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.07	0.430	"	8.61	ND	93.7	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.09	0.202	"	4.04	ND	101	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.1	0.807	"	16.1	ND	93.4	25-150				
HFPO-DA (Gen-X)	9.10	0.861	"	8.61	ND	106	25-150				
11CL-PF3OUdS	9.61	0.813	"	8.13	ND	118	25-150				
9CL-PF3ONS	10.5	0.805	"	8.05	ND	131	25-150				
ADONA	7.04	0.813	"	8.13	ND	86.6	25-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
Matrix Spike (BJ40531-MS1) Matrix Spike	*Source sample: 24J0297-01 (PE47_17.5)							Prepared: 10/08/2024 Analyzed: 10/09/2024			
Perfluorododecanesulfonic acid (PFDoS)	3.30	0.209	ug/kg dry	4.17	ND	79.1	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.63	0.207	"	4.13	ND	112	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	14.0	1.08	"	17.2	ND	81.6	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	65.7	5.38	"	86.1	ND	76.3	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	55.6	5.38	"	86.1	ND	64.6	25-150				
N-MeFOSE	38.6	2.15	"	43.0	ND	89.6	25-150				
N-MeFOSA	4.31	0.215	"	4.30	ND	100	25-150				
N-EtFOSE	43.4	2.15	"	43.0	ND	101	25-150				
N-EtFOSA	4.38	0.215	"	4.30	ND	102	25-150				
Surrogate: M3PFBS	*2.73*		*"*	*2.51*		*109*	*25-150*				
Surrogate: M5PFHxA	*2.89*		*"*	*2.69*		*108*	*25-150*				
Surrogate: M4PFHpA	*2.63*		*"*	*2.69*		*97.8*	*25-150*				
Surrogate: M3PFHxS	*2.71*		*"*	*2.55*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.03*		*"*	*2.69*		*113*	*25-150*				
Surrogate: M6PFDA	*1.70*		*"*	*1.34*		*126*	*25-150*				
Surrogate: M7PFUdA	*1.45*		*"*	*1.34*		*108*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.54*		*"*	*1.34*		*115*	*25-150*				
Surrogate: M2PFTeDA	*1.20*		*"*	*1.34*		*89.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.1*		*"*	*10.8*		*103*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.70*		*"*	*2.58*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.95*		*"*	*5.38*		*111*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.51*		*"*	*2.69*		*56.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.10*		*"*	*5.38*		*57.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.48*		*"*	*5.38*		*64.7*	*25-150*				
Surrogate: M2-6:2 FTS	*4.97*		*"*	*5.11*		*97.1*	*25-200*				
Surrogate: M2-8:2 FTS	*7.18*		*"*	*5.16*		*139*	*25-200*				
Surrogate: M9PFNA	*1.33*		*"*	*1.34*		*98.7*	*25-150*				
Surrogate: M2-4:2 FTS	*2.75*		*"*	*5.04*		*54.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.46*		*"*	*2.69*		*54.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.15*		*"*	*2.69*		*42.9*	*25-150*				
Surrogate: M3HFPO-DA	*13.2*		*"*	*10.8*		*122*	*25-150*				
Surrogate: d9-N-EtFOSE	*11.3*		*"*	*26.9*		*41.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.5*		*"*	*26.9*		*46.5*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
Matrix Spike Dup (BJ40531-M Matrix Spike Dup	*Source sample: 24J0297-01 (PE47_17.5)								Prepared: 10/08/2024 Analyzed: 10/09/2024		
Perfluorobutanesulfonic acid (PFBS)	3.37	0.193	ug/kg dry	3.86	ND	87.2	25-150		7.97	35	
Perfluorohexanoic acid (PFHxA)	3.57	0.218	"	4.36	ND	81.7	25-150		13.3	35	
Perfluoroheptanoic acid (PFHpA)	4.05	0.218	"	4.36	ND	92.8	25-150		20.6	35	
Perfluorohexanesulfonic acid (PFHxS)	3.69	0.200	"	3.99	ND	92.3	25-150		8.99	35	
Perfluorooctanoic acid (PFOA)	3.40	0.218	"	4.36	ND	78.0	25-150		10.6	35	
Perfluorooctanesulfonic acid (PFOS)	3.66	0.203	"	4.06	ND	90.1	25-150		16.8	35	
Perfluorononanoic acid (PFNA)	3.93	0.218	"	4.36	ND	90.1	25-150		2.63	35	
Perfluorodecanoic acid (PFDA)	3.85	0.218	"	4.36	ND	88.3	25-150		6.02	35	
Perfluoroundecanoic acid (PFUnA)	4.65	0.218	"	4.36	ND	107	25-150		10.6	35	
Perfluorododecanoic acid (PFDoA)	4.03	0.218	"	4.36	ND	92.3	25-150		2.51	35	
Perfluorotridecanoic acid (PFTrDA)	3.86	0.218	"	4.36	ND	88.4	25-150		18.2	35	
Perfluorotetradecanoic acid (PFTA)	3.92	0.218	"	4.36	ND	89.9	25-150		17.0	35	
N-MeFOSAA	4.12	0.218	"	4.36	ND	94.4	25-150		7.09	35	
N-EtFOSAA	3.74	0.218	"	4.36	ND	85.6	25-150		13.8	35	
Perfluoropentanoic acid (PFPeA)	7.47	0.436	"	8.73	ND	85.6	25-150		10.4	35	
Perfluoro-1-octanesulfonamide (FOSA)	2.96	0.218	"	4.36	ND	67.8	25-150		9.82	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.60	0.218	"	4.17	ND	86.5	25-150		18.3	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.66	0.210	"	4.21	ND	87.0	25-150		28.6	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.1	0.829	"	16.6	ND	85.1	25-150		7.32	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.6	0.838	"	16.8	ND	99.3	25-150		3.26	35	
Perfluoro-n-butanoic acid (PFBA)	15.4	0.873	"	17.5	ND	88.1	25-150		9.66	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	11.1	0.388	"	7.77	ND	143	25-150		10.3	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.15	0.436	"	8.73	ND	59.0	25-150		22.5	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	6.55	0.436	"	8.73	ND	75.1	25-150		12.2	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	7.13	0.436	"	8.73	ND	81.7	25-150		12.4	30	
Perfluoro-1-pentanesulfonate (PFPeS)	3.89	0.205	"	4.10	ND	94.9	25-150		4.96	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.6	0.818	"	16.4	ND	89.5	25-150		2.88	30	
HFPO-DA (Gen-X)	7.58	0.873	"	8.73	ND	86.9	25-150		18.2	30	
11CL-PF3OUdS	8.03	0.825	"	8.25	ND	97.4	25-150		17.9	30	
9CL-PF3ONS	9.07	0.816	"	8.16	ND	111	25-150		15.0	30	
ADONA	6.10	0.825	"	8.25	ND	74.0	25-150		14.3	30	
Perfluorododecanesulfonic acid (PFDoS)	2.30	0.212	"	4.23	ND	54.4	25-150		35.6	30	Non-dir.
Perfluoro-1-nonanesulfonic acid (PFNS)	3.75	0.209	"	4.19	ND	89.5	25-150		20.9	30	
3-Perfluoropropyl propanoic acid (FPrPA)	12.7	1.09	"	17.5	ND	72.8	25-150		10.0	30	
3-Perfluoropentyl propanoic acid (FPePA)	60.6	5.45	"	87.3	ND	69.5	25-150		7.98	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	51.3	5.45	"	87.3	ND	58.8	25-150		8.13	30	
N-MeFOSE	39.0	2.18	"	43.6	ND	89.4	25-150		1.14	30	
N-MeFOSA	4.85	0.218	"	4.36	ND	111	25-150		11.8	30	
N-EtFOSE	43.1	2.18	"	43.6	ND	98.8	25-150		0.658	30	
N-EtFOSA	4.06	0.218	"	4.36	ND	93.2	25-150		7.40	30	
Surrogate: M3PFBS	*2.97*		"	*2.54*		*117*	*25-150*				
Surrogate: M5PFHxA	*3.33*		"	*2.73*		*122*	*25-150*				
Surrogate: M4PFHpA	*2.99*		"	*2.73*		*110*	*25-150*				
Surrogate: M3PFHxS	*3.07*		"	*2.58*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.08*		"	*2.73*		*113*	*25-150*				
Surrogate: M6PFDA	*1.34*		"	*1.36*		*98.6*	*25-150*				
Surrogate: M7PFUdA	*1.38*		"	*1.36*		*101*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.12*		"	*1.36*		*82.1*	*25-150*				
Surrogate: M2PFTeDA	*1.08*		"	*1.36*		*78.9*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
Matrix Spike Dup (BJ40531-M Matrix Spike Dup	*Source sample: 24J0297-01 (PE47_17.5)								Prepared: 10/08/2024 Analyzed: 10/09/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.6*		*ug/kg dry*	*10.9*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.08*		*"*	*2.61*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.79*		*"*	*5.45*		*125*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.76*		*"*	*2.73*		*64.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.18*		*"*	*5.45*		*58.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.58*		*"*	*5.45*		*65.7*	*25-150*				
Surrogate: M2-6:2 FTS	*5.36*		*"*	*5.19*		*103*	*25-200*				
Surrogate: M2-8:2 FTS	*7.63*		*"*	*5.24*		*146*	*25-200*				
Surrogate: M9PFNA	*1.38*		*"*	*1.36*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*2.87*		*"*	*5.12*		*56.1*	*25-150*				
Surrogate: d-N-MeFOSA	*1.50*		*"*	*2.73*		*55.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.33*		*"*	*2.73*		*48.7*	*25-150*				
Surrogate: M3HFPO-DA	*15.4*		*"*	*10.9*		*141*	*25-150*				
Surrogate: d9-N-EtFOSE	*9.22*		*"*	*27.3*		*33.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.9*		*"*	*27.3*		*39.9*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40497 - EPA 3550C											
Blank (BJ40497-BLK1) Blank									Prepared & Analyzed: 10/08/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0343*		*"*	*0.0664*		*51.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0479*		*"*	*0.0664*		*72.1*	*30-150*				
LCS (BJ40497-BS1) LCS									Prepared & Analyzed: 10/08/2024		
4,4'-DDD	0.0177	0.00164	mg/kg wet	0.0332		53.3	40-140				
4,4'-DDE	0.0189	0.00164	"	0.0332		57.0	40-140				
4,4'-DDT	0.0205	0.00164	"	0.0332		61.8	40-140				
Aldrin	0.0196	0.00164	"	0.0332		59.0	40-140				
alpha-BHC	0.0211	0.00164	"	0.0332		63.4	40-140				
alpha-Chlordane	0.0197	0.00164	"	0.0332		59.4	40-140				
beta-BHC	0.0249	0.00164	"	0.0332		75.1	40-140				
delta-BHC	0.0205	0.00164	"	0.0332		61.6	40-140				
Dieldrin	0.0189	0.00164	"	0.0332		56.8	40-140				
Endosulfan I	0.0201	0.00164	"	0.0332		60.5	40-140				
Endosulfan II	0.0203	0.00164	"	0.0332		61.0	40-140				
Endosulfan sulfate	0.0193	0.00164	"	0.0332		58.1	40-140				
Endrin	0.0195	0.00164	"	0.0332		58.6	40-140				
Endrin aldehyde	0.0208	0.00164	"	0.0332		62.5	40-140				
Endrin ketone	0.0196	0.00164	"	0.0332		59.0	40-140				
gamma-BHC (Lindane)	0.0207	0.00164	"	0.0332		62.2	40-140				
gamma-Chlordane	0.0195	0.00164	"	0.0332		58.8	40-140				
Heptachlor	0.0210	0.00164	"	0.0332		63.2	40-140				
Heptachlor epoxide	0.0196	0.00164	"	0.0332		59.1	40-140				
Methoxychlor	0.0212	0.00164	"	0.0332		63.9	40-140				
Surrogate: Decachlorobiphenyl	*0.0302*		*"*	*0.0664*		*45.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0278*		*"*	*0.0664*		*41.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40497 - EPA 3550C											
Matrix Spike (BJ40497-MS1) Matrix Spike	*Source sample: 24J0297-01 (PE47_17.5)							Prepared & Analyzed: 10/08/2024			
4,4'-DDD	0.0235	0.00180	mg/kg dry	0.0364	ND	64.5	30-150				
4,4'-DDE	0.0265	0.00180	"	0.0364	ND	72.9	30-150				
4,4'-DDT	0.0257	0.00180	"	0.0364	ND	70.7	30-150				
Aldrin	0.0215	0.00180	"	0.0364	ND	59.1	30-150				
alpha-BHC	0.0226	0.00180	"	0.0364	ND	62.2	30-150				
alpha-Chlordane	0.0245	0.00180	"	0.0364	ND	67.4	30-150				
beta-BHC	0.0250	0.00180	"	0.0364	ND	68.7	30-150				
delta-BHC	0.0248	0.00180	"	0.0364	ND	68.2	30-150				
Dieldrin	0.0229	0.00180	"	0.0364	ND	63.0	30-150				
Endosulfan I	0.0300	0.00180	"	0.0364	ND	82.5	30-150				
Endosulfan II	0.0258	0.00180	"	0.0364	ND	70.9	30-150				
Endosulfan sulfate	0.0253	0.00180	"	0.0364	ND	69.5	30-150				
Endrin	0.0237	0.00180	"	0.0364	ND	65.3	30-150				
Endrin aldehyde	0.0247	0.00180	"	0.0364	ND	68.0	30-150				
Endrin ketone	0.0291	0.00180	"	0.0364	ND	79.9	30-150				
gamma-BHC (Lindane)	0.0231	0.00180	"	0.0364	ND	63.4	30-150				
gamma-Chlordane	0.0225	0.00180	"	0.0364	ND	61.9	30-150				
Heptachlor	0.0236	0.00180	"	0.0364	ND	64.8	30-150				
Heptachlor epoxide	0.0254	0.00180	"	0.0364	ND	69.7	30-150				
Methoxychlor	0.0335	0.00180	"	0.0364	ND	92.2	30-150				
Surrogate: Decachlorobiphenyl	*0.0373*		*"*	*0.0728*		*51.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0452*		*"*	*0.0728*		*62.1*	*30-150*				
Matrix Spike Dup (BJ40497-M Matrix Spike Dup	*Source sample: 24J0297-01 (PE47_17.5)							Prepared & Analyzed: 10/08/2024			
4,4'-DDD	0.0300	0.00180	mg/kg dry	0.0364	ND	82.5	30-150		24.6	30	
4,4'-DDE	0.0318	0.00180	"	0.0364	ND	87.5	30-150		18.2	30	
4,4'-DDT	0.0335	0.00180	"	0.0364	ND	92.1	30-150		26.4	30	
Aldrin	0.0277	0.00180	"	0.0364	ND	76.0	30-150		25.0	30	
alpha-BHC	0.0285	0.00180	"	0.0364	ND	78.3	30-150		23.0	30	
alpha-Chlordane	0.0307	0.00180	"	0.0364	ND	84.4	30-150		22.4	30	
beta-BHC	0.0329	0.00180	"	0.0364	ND	90.5	30-150		27.5	30	
delta-BHC	0.0323	0.00180	"	0.0364	ND	88.7	30-150		26.1	30	
Dieldrin	0.0293	0.00180	"	0.0364	ND	80.5	30-150		24.3	30	
Endosulfan I	0.0348	0.00180	"	0.0364	ND	95.5	30-150		14.7	30	
Endosulfan II	0.0326	0.00180	"	0.0364	ND	89.7	30-150		23.4	30	
Endosulfan sulfate	0.0320	0.00180	"	0.0364	ND	87.9	30-150		23.5	30	
Endrin	0.0303	0.00180	"	0.0364	ND	83.3	30-150		24.3	30	
Endrin aldehyde	0.0317	0.00180	"	0.0364	ND	87.1	30-150		24.6	30	
Endrin ketone	0.0363	0.00180	"	0.0364	ND	99.8	30-150		22.2	30	
gamma-BHC (Lindane)	0.0294	0.00180	"	0.0364	ND	80.7	30-150		24.0	30	
gamma-Chlordane	0.0284	0.00180	"	0.0364	ND	78.1	30-150		23.1	30	
Heptachlor	0.0307	0.00180	"	0.0364	ND	84.4	30-150		26.3	30	
Heptachlor epoxide	0.0317	0.00180	"	0.0364	ND	87.1	30-150		22.2	30	
Methoxychlor	0.0420	0.00180	"	0.0364	ND	115	30-150		22.4	30	
Surrogate: Decachlorobiphenyl	*0.0440*		*"*	*0.0728*		*60.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0572*		*"*	*0.0728*		*78.7*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40497 - EPA 3550C											
Blank (BJ40497-BLK2) Blank								Prepared & Analyzed: 10/08/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0608*		"	*0.0664*		*91.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0385*		"	*0.0664*		*58.0*	*30-120*				
LCS (BJ40497-BS2) LCS								Prepared & Analyzed: 10/08/2024			
Aroclor 1016	0.274	0.0166	mg/kg wet	0.332		82.6	40-130				
Aroclor 1260	0.268	0.0166	"	0.332		80.7	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0515*		"	*0.0664*		*77.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0346*		"	*0.0664*		*52.0*	*30-120*				
Matrix Spike (BJ40497-MS2) Matrix Spike *Source sample: 24J0297-01 (PE47_17.5)								Prepared & Analyzed: 10/08/2024			
Aroclor 1016	0.274	0.0182	mg/kg dry	0.364	ND	75.3	40-140				
Aroclor 1260	0.269	0.0182	"	0.364	ND	73.9	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0506*		"	*0.0728*		*69.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0353*		"	*0.0728*		*48.5*	*30-120*				
Matrix Spike Dup (BJ40497-M Matrix Spike Dup *Source sample: 24J0297-01 (PE47_17.5)								Prepared & Analyzed: 10/08/2024			
Aroclor 1016	0.289	0.0182	mg/kg dry	0.364	ND	79.6	40-140		5.50	50	
Aroclor 1260	0.288	0.0182	"	0.364	ND	79.2	40-140		6.98	50	
Surrogate: Tetrachloro-m-xylene	*0.0531*		"	*0.0728*		*73.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0349*		"	*0.0728*		*48.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40440 - EPA 3550C/8151A											
Blank (BJ40440-BLK1) Blank								Prepared: 10/07/2024 Analyzed: 10/08/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.385*		*"*	*0.415*		*92.8*	*21-150*				
LCS (BJ40440-BS1) LCS								Prepared: 10/07/2024 Analyzed: 10/08/2024			
2,4,5-T	0.0581	0.0199	mg/kg wet	0.0664		87.5	10-120				
2,4,5-TP (Silvex)	0.0581	0.0199	"	0.0664		87.5	10-120				
2,4-D	0.0581	0.0199	"	0.0664		87.5	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.382*		*"*	*0.415*		*92.0*	*21-150*				
Matrix Spike (BJ40440-MS1) Matrix Spike *Source sample: 24J0297-01 (PE47_17.5)								Prepared: 10/07/2024 Analyzed: 10/08/2024			
2,4,5-T	0.0768	0.0217	mg/kg dry	0.0723	ND	106	10-120				
2,4,5-TP (Silvex)	0.0822	0.0217	"	0.0723	ND	114	10-120				
2,4-D	0.0876	0.0217	"	0.0723	ND	121	10-118	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.586*		*"*	*0.452*		*130*	*21-150*				
Matrix Spike Dup (BJ40440-M Matrix Spike Dup *Source sample: 24J0297-01 (PE47_17.5)								Prepared: 10/07/2024 Analyzed: 10/08/2024			
2,4,5-T	0.0488	0.0217	mg/kg dry	0.0723	ND	67.5	10-120		44.6	35	Non-dir.
2,4,5-TP (Silvex)	0.0479	0.0217	"	0.0723	ND	66.2	10-120		52.8	35	Non-dir.
2,4-D	0.0470	0.0217	"	0.0723	ND	65.0	10-118		60.4	35	Non-dir.
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.360*		*"*	*0.452*		*79.8*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40383 - EPA 3050B											
Blank (BJ40383-BLK1) Blank									Prepared: 10/06/2024 Analyzed: 10/08/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	18.3	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BJ40383-DUP1) Duplicate *Source sample: 24J0297-01 (PE47_17.5)									Prepared: 10/06/2024 Analyzed: 10/08/2024		
Aluminum	5170	4.56	mg/kg dry		5030				2.78	35	
Antimony	ND	2.28	"		ND					35	
Arsenic	ND	1.37	"		ND					35	
Barium	9.05	2.28	"		7.78				15.1	35	
Beryllium	ND	0.046	"		ND					35	
Cadmium	ND	0.274	"		ND					35	
Calcium	481	4.56	"		509				5.72	35	
Chromium	9.23	0.457	"		9.44				2.35	35	
Cobalt	2.38	0.365	"		2.33				2.33	35	
Copper	7.04	1.83	"		7.10				0.904	35	
Iron	5270	22.8	"		5320				1.07	35	
Lead	34.6	0.457	"		2.87				169	35	Non-dir.
Magnesium	1450	4.57	"		1420				1.76	35	
Manganese	39.0	0.457	"		40.2				2.95	35	
Nickel	9.75	0.909	"		9.79				0.467	35	
Potassium	425	4.57	"		398				6.65	35	
Selenium	ND	2.28	"		ND					35	
Silver	ND	0.460	"		ND					35	
Sodium	ND	45.6	"		ND					35	
Thallium	ND	2.28	"		ND					35	
Vanadium	10.7	0.909	"		10.9				2.03	35	
Zinc	11.6	2.27	"		13.3				13.5	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40383 - EPA 3050B											
Matrix Spike (BJ40383-MS1) Matrix Spike	*Source sample: 24J0297-01 (PE47_17.5)							Prepared: 10/06/2024 Analyzed: 10/08/2024			
Aluminum	5420	4.56	mg/kg dry	183	5030	216	75-125	High Bias			
Antimony	11.6	2.28	"	22.8	ND	50.7	75-125	Low Bias			
Arsenic	173	1.37	"	183	ND	95.0	75-125				
Barium	187	2.28	"	183	7.78	98.3	75-125				
Beryllium	4.78	0.046	"	4.56	ND	105	75-125				
Cadmium	4.46	0.274	"	4.56	ND	97.8	75-125				
Calcium	596	4.56	"	91.3	509	94.5	75-125				
Chromium	26.9	0.457	"	18.3	9.44	95.9	75-125				
Cobalt	45.8	0.365	"	45.6	2.33	95.2	75-125				
Copper	31.7	1.83	"	22.8	7.10	108	75-125				
Iron	6160	22.8	"	91.3	5320	921	75-125	High Bias			
Lead	50.0	0.457	"	45.6	2.87	103	75-125				
Magnesium	1680	4.57	"	91.3	1420	289	75-125	High Bias			
Manganese	87.8	0.457	"	45.6	40.2	104	75-125				
Nickel	55.3	0.909	"	45.6	9.79	99.8	75-125				
Potassium	445	4.57	"	91.3	398	51.7	75-125	Low Bias			
Selenium	166	2.28	"	183	ND	91.1	75-125				
Silver	4.12	0.460	"	4.56	ND	90.2	75-125				
Sodium	234	45.6	"	91.3	ND	257	75-125	High Bias			
Thallium	173	2.28	"	183	ND	94.7	75-125				
Vanadium	54.6	0.909	"	45.6	10.9	95.8	75-125				
Zinc	56.4	2.27	"	45.6	13.3	94.4	75-125				
Post Spike (BJ40383-PS1) Post Spike	*Source sample: 24J0297-01 (PE47_17.5)							Prepared: 10/06/2024 Analyzed: 10/08/2024			
Aluminum	56.6		ug/mL	2.00	55.1	77.4	75-125				
Antimony	0.268		"	0.250	0.012	102	75-125				
Arsenic	1.94		"	2.00	0.009	96.5	75-125				
Barium	2.12		"	2.00	0.085	101	75-125				
Beryllium	0.054		"	0.0500	-0.002	108	75-125				
Cadmium	0.050		"	0.0500	-0.0003	99.8	75-125				
Calcium	6.31		"	1.00	5.58	72.5	75-125	Low Bias			
Chromium	0.300		"	0.200	0.104	98.3	75-125				
Cobalt	0.511		"	0.500	0.026	97.0	75-125				
Copper	0.338		"	0.250	0.078	104	75-125				
Iron	58.7		"	1.00	58.4	36.6	75-125	Low Bias			
Lead	0.544		"	0.500	0.031	103	75-125				
Magnesium	16.4		"	1.00	15.6	88.3	75-125				
Manganese	0.930		"	0.500	0.441	97.9	75-125				
Nickel	0.600		"	0.500	0.107	98.6	75-125				
Potassium	4.73		"	1.00	4.36	37.1	75-125	Low Bias			
Selenium	1.88		"	2.00	0.005	93.8	75-125				
Silver	0.046		"	0.0500	-0.001	91.0	75-125				
Sodium	1.78		"	1.00	0.341	144	75-125	High Bias			
Thallium	1.93		"	2.00	-0.003	96.3	75-125				
Vanadium	0.610		"	0.500	0.120	98.1	75-125				
Zinc	0.628		"	0.500	0.145	96.4	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40383 - EPA 3050B											
Reference (BJ40383-SRM1) Reference									Prepared: 10/06/2024 Analyzed: 10/08/2024		
Aluminum	6920	4.17	mg/kg wet	7680		90.1	35.7-119				
Antimony	71.5	2.08	"	244		29.3	0-99.5				
Arsenic	264	1.25	"	283		93.3	69.9-101.4				
Barium	316	2.08	"	326		97.0	73.9-107.1				
Beryllium	194	0.042	"	175		111	75.4-107.4	High Bias			
Cadmium	92.7	0.250	"	95.8		96.7	72.3-103.7				
Calcium	5420	4.17	"	5470		99.0	79.5-113.2				
Chromium	224	0.417	"	239		93.9	72.4-106.3				
Cobalt	147	0.333	"	150		97.9	76-107.3				
Copper	225	1.67	"	217		104	74.7-105.1				
Iron	7060	20.8	"	7360		95.9	53-127.9				
Lead	214	0.417	"	210		102	75.7-109.5				
Magnesium	2050	4.17	"	2080		98.5	67.3-111.1				
Manganese	287	0.417	"	290		98.8	73.4-108.3				
Nickel	318	0.830	"	329		96.6	74.5-106.7				
Potassium	2520	4.17	"	2330		108	60.9-111.6				
Selenium	297	2.08	"	281		106	77.6-116.7				
Silver	56.2	0.420	"	82.7		67.9	73.7-111.7	Low Bias			
Sodium	1250	41.7	"	427		293	71.2-118.7	High Bias			
Thallium	118	2.08	"	123		96.0	70.2-104.8				
Vanadium	177	0.830	"	192		92.1	68.8-107.8				
Zinc	247	2.08	"	260		94.8	72.7-109.2				
Batch BJ40466 - EPA 3050B											
Blank (BJ40466-BLK1) Blank									Prepared: 10/07/2024 Analyzed: 10/10/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40466 - EPA 3050B											
Reference (BJ40466-SRM1) Reference								Prepared: 10/07/2024 Analyzed: 10/10/2024			
Aluminum	6730	4.17	mg/kg wet	7680		87.7	35.7-119				
Antimony	59.9	2.08	"	244		24.5	0-99.5				
Arsenic	249	1.25	"	283		87.8	69.9-101.4				
Barium	297	2.08	"	326		91.0	73.9-107.1				
Beryllium	151	0.042	"	175		86.4	75.4-107.4				
Cadmium	83.9	0.250	"	95.8		87.6	72.3-103.7				
Calcium	5170	4.17	"	5470		94.5	79.5-113.2				
Chromium	211	0.417	"	239		88.3	72.4-106.3				
Cobalt	137	0.333	"	150		91.4	76-107.3				
Copper	214	1.67	"	217		98.5	74.7-105.1				
Iron	6570	20.8	"	7360		89.2	53-127.9				
Lead	195	0.417	"	210		92.7	75.7-109.5				
Magnesium	1940	4.17	"	2080		93.2	67.3-111.1				
Manganese	263	0.417	"	290		90.6	73.4-108.3				
Nickel	300	0.830	"	329		91.2	74.5-106.7				
Potassium	2190	4.17	"	2330		94.1	60.9-111.6				
Selenium	280	2.08	"	281		99.6	77.6-116.7				
Silver	46.9	0.420	"	82.7		56.7	73.7-111.7	Low Bias			
Sodium	601	41.7	"	427		141	71.2-118.7	High Bias			
Thallium	105	2.08	"	123		85.6	70.2-104.8				
Vanadium	164	0.830	"	192		85.5	68.8-107.8				
Zinc	234	2.08	"	260		89.9	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40360 - EPA 7473 soil											
Blank (BJ40360-BLK1) Blank									Prepared: 10/05/2024 Analyzed: 10/08/2024		
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BJ40360-DUP1) Duplicate	*Source sample: 24J0297-01 (PE47_17.5)								Prepared: 10/05/2024 Analyzed: 10/08/2024		
Mercury	ND	0.0329	mg/kg dry		ND					35	
Matrix Spike (BJ40360-MS1) Matrix Spike	*Source sample: 24J0297-01 (PE47_17.5)								Prepared: 10/05/2024 Analyzed: 10/08/2024		
Mercury	0.462		mg/kg	0.500	0.0161	89.3	75-125				
Reference (BJ40360-SRM1) Reference									Prepared: 10/05/2024 Analyzed: 10/08/2024		
Mercury	17.573		mg/kg	18.2		96.6	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40344 - EPA SW846-3060												
Blank (BJ40344-BLK1)	Blank								Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BJ40344-DUP1)	Duplicate	*Source sample: 24J0297-01 (PE47_17.5)							Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		ND	0.548	mg/kg dry		ND					35	
Matrix Spike (BJ40344-MS1)	Matrix Spike	*Source sample: 24J0297-01 (PE47_17.5)							Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		16.4	0.548	mg/kg dry	21.9	ND	74.8	75-125	Low Bias			
Matrix Spike Dup (BJ40344-M	Matrix Spike Dup	*Source sample: 24J0297-01 (PE47_17.5)							Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		17.2	0.548	mg/kg dry	21.9	ND	78.6	75-125		4.95	200	
Reference (BJ40344-SRM1)	Reference								Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		249		mg/L	227		110	42.3-157.7				
Batch BJ40387 - Analysis Preparation Soil												
Blank (BJ40387-BLK1)	Blank								Prepared & Analyzed: 10/07/2024			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BJ40387-DUP1)	Duplicate	*Source sample: 24J0297-01 (PE47_17.5)							Prepared & Analyzed: 10/07/2024			
Cyanide, total		ND	0.548	mg/kg dry		ND					15	
Matrix Spike (BJ40387-MS1)	Matrix Spike	*Source sample: 24J0297-01 (PE47_17.5)							Prepared & Analyzed: 10/07/2024			
Cyanide, total		5.20	0.548	mg/kg dry	5.48	ND	95.0	79.6-107				
Matrix Spike Dup (BJ40387-M	Matrix Spike Dup	*Source sample: 24J0297-01 (PE47_17.5)							Prepared & Analyzed: 10/07/2024			
Cyanide, total		5.69	0.548	mg/kg dry	5.48	ND	104	79.6-107		9.05	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40387 - Analysis Preparation Soil											
Reference (BJ40387-SRM1) Reference									Prepared & Analyzed: 10/07/2024		
Cyanide, total	55.5		ug/mL	59.7		93.0	38.5-161.4				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40322 - % Solids Prep											
Duplicate (BJ40322-DUP1) Duplicate	*Source sample: 24J0297-01 (PE47_17.5)								Prepared & Analyzed: 10/04/2024		
% Solids	91.4	0.100	%		91.3				0.0639	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J0297-01	PE47_17.5	40mL Vial with Stir Bar-Cool 4° C
24J0297-02	PE55_17	40mL Vial with Stir Bar-Cool 4° C
24J0297-03	TB_10032024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24J0297

Page 1 of 1

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Dr Parsippany, NJ 07054	Address: SAME
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: lkott@langan.com	E-mail:

YOUR Project Name / Number: 100688801 2096 Flatlands Ave

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Daniel Horvath

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	PCBs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp. G/C
PE47-17.5	10/3	1330	S	3									1	X	X	X	X	X	X	X	X	X	
PE55-17	10/3	1335	S	3									1	X	X	X	X	X	X	X	X	X	
TB-10032024					2									X									

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Comments: Extra volume provided for MS/MSD on PE47-17.5

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time
Daniel Horvath / Langan	10/3/24 1520
2. Samples Received by / Company	Date/Time
[illegible]	10/3/24 16:16 6.2
3. Samples Relinquished by / Company	Date/Time
Ramon Duran	10/3/24

1. Samples Received by / Company	Date/Time
[illegible]	10/3/24 1523
2. Samples Relinquished by / Company	Date/Time
[illegible]	10/3/24 16:16
3. Samples Received by / Company	Date/Time
Ramon Duran	10/3/24 1800
4. Samples Received by / Company	Date/Time
3000	

Samples Received in LAB by [illegible] Date/Time 10/3/24 20:00 Temperature 3.8°C degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 10/15/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J0369

Report Date: 10/15/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J0369

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 04, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24J0369-01	PE46_17.5	Soil	10/04/2024	10/04/2024
24J0369-02	PE54_18	Soil	10/04/2024	10/04/2024
24J0369-03	PE63_17	Soil	10/04/2024	10/04/2024
24J0369-04	PE71_17	Soil	10/04/2024	10/04/2024
24J0369-05	FB_10042024	Water	10/04/2024	10/04/2024
24J0369-06	EB_10042024	Water	10/04/2024	10/04/2024
24J0369-07	TB_10042024	Water	10/04/2024	10/04/2024

General Notes for York Project (SDG) No.: 24J0369

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 10/15/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.062	0.12	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0067**	CCVE	mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.036**	CCVE, ICVE	mg/kg dry	0.0062	0.012	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	mg/kg dry	0.0062	0.012	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E	mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0094	0.019	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*89.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.208	0.416	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.208	0.416	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.208	0.416	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*68.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*60.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/08/2024 09:20	10/10/2024 11:20	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.138	0.220	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0659	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.131	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.223	0.228	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.214	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.208	0.231	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.235	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.238	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.246	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.203	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.156	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.128	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.184	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.241	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.136	0.498	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.182	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.193	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.238	0.240	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.740	0.945	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.939	0.955	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.136	0.995	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.173	0.443	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.240	0.498	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0771	0.498	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.119	0.498	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.195	0.234	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.740	0.933	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.756	0.995	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:25	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.387	0.941	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:25	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.306	0.931	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:25	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.216	0.941	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:25	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.210	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:25	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.154	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:25	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.789	1.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:25	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.61	6.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:25	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND	PF-CCV-L	ug/kg dry	1.87	6.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:25	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.760	2.49	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:25	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.224	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:25	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.867	2.49	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:25	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.246	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:25	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*135 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*127 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*115 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*135 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*131 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*157 %*	PFSu-H	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*70.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*111 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*84.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*134 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*138 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*128 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*76.9 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*139 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*99.3 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*118 %*		*25-200*

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*200 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*138 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*65.2 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*62.1 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*50.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*156 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*48.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0205	1	EPA 8082A	10/09/2024 09:05	10/09/2024 21:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0205	1	EPA 8082A	10/09/2024 09:05	10/09/2024 21:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0205	1	EPA 8082A	10/09/2024 09:05	10/09/2024 21:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0205	1	EPA 8082A	10/09/2024 09:05	10/09/2024 21:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0205	1	EPA 8082A	10/09/2024 09:05	10/09/2024 21:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0205	1	EPA 8082A	10/09/2024 09:05	10/09/2024 21:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0205	1	EPA 8082A	10/09/2024 09:05	10/09/2024 21:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0205	1	EPA 8082A	10/09/2024 09:05	10/09/2024 21:56	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0249	1	EPA 8151A	10/09/2024 09:02	10/10/2024 12:40	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0249	1	EPA 8151A	10/09/2024 09:02	10/10/2024 12:40	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0249	1	EPA 8151A	10/09/2024 09:02	10/10/2024 12:40	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*90.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12200**		mg/kg dry	5.20	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.60	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.87**		mg/kg dry	1.56	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**101**		mg/kg dry	2.60	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.052	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.312	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**13200**		mg/kg dry	5.20	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**19.3**		mg/kg dry	0.521	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.88**		mg/kg dry	0.416	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**17.8**		mg/kg dry	2.08	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**13500**		mg/kg dry	26.0	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**29.5**		mg/kg dry	0.521	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2450**		mg/kg dry	5.21	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**82.6**		mg/kg dry	0.521	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.3**		mg/kg dry	1.04	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**647**		mg/kg dry	5.21	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.60	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.525	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**101**		mg/kg dry	52.0	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.60	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**24.8**		mg/kg dry	1.04	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**85.1**		mg/kg dry	2.59	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0696**		mg/kg dry	0.0375	1	EPA 7473	10/08/2024 13:16	10/09/2024 14:19	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.625	1	EPA 7196A	10/07/2024 15:46	10/07/2024 22:41	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**19.3**		mg/kg	0.500	1	Calculation	10/10/2024 17:19	10/10/2024 17:25	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.625	1	EPA 9014/9010C	10/07/2024 07:32	10/07/2024 14:51	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.1**		%	0.100	1	SM 2540G	10/07/2024 08:22	10/07/2024 12:25	SMM
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.055	0.11	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.024**	CCVE	mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.090**	CCVE, ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E	mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0088**	J	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*89.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0921	0.184	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0921	0.184	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.369	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.369	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	CCVE	mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.369	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*68.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*65.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*99.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/08/2024 09:20	10/10/2024 11:37	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*66.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.196	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0586	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.198	0.202	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.190	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.209	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.180	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.164	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.214	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.442	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.658	0.840	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.834	0.849	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.884	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.154	0.393	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.213	0.442	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0685	0.442	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.442	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.174	0.208	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.658	0.829	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.672	0.884	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:41	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.344	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:41	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.272	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:41	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:41	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:41	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:41	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.701	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:41	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.32	5.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:41	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND	PF-CCV-L	ug/kg dry	1.66	5.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:41	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.675	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:41	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.199	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:41	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.770	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:41	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:41	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*105 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*108 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*104 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*103 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*112 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*110 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*100 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*91.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*68.7 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*108 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*125 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*108 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*73.8 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*71.1 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*79.0 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*79.6 %*	*25-200*

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*139 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*114 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*42.1 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*53.7 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*45.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*123 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*39.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.6 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*95.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:09	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0218	1	EPA 8151A	10/09/2024 09:02	10/10/2024 12:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0218	1	EPA 8151A	10/09/2024 09:02	10/10/2024 12:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0218	1	EPA 8151A	10/09/2024 09:02	10/10/2024 12:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*88.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6350**		mg/kg dry	4.61	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.31	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.02**		mg/kg dry	1.38	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**47.3**		mg/kg dry	2.30	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.277	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**842**		mg/kg dry	4.61	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.1**		mg/kg dry	0.462	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.49**		mg/kg dry	0.369	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**12.7**		mg/kg dry	1.85	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**9640**		mg/kg dry	23.1	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**20.8**		mg/kg dry	0.462	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2390**		mg/kg dry	4.62	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**59.0**		mg/kg dry	0.462	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**21.2**		mg/kg dry	0.919	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**511**		mg/kg dry	4.62	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.465	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**55.7**		mg/kg dry	46.1	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.31	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.3**		mg/kg dry	0.919	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**81.0**		mg/kg dry	2.30	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.164**		mg/kg dry	0.0332	1	EPA 7473	10/08/2024 13:12	10/09/2024 14:13	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.554	1	EPA 7196A	10/07/2024 15:46	10/07/2024 22:41	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.1**		mg/kg	0.500	1	Calculation	10/10/2024 17:19	10/10/2024 17:25	AD
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.554	1	EPA 9014/9010C	10/07/2024 07:32	10/07/2024 14:51	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.3**		%	0.100	1	SM 2540G	10/07/2024 08:22	10/07/2024 12:25	SMM
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.056	0.11	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0073**	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.037**	CCVE, ICVE	mg/kg dry	0.0056	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	mg/kg dry	0.0056	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0055**	J	mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E	mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*89.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.367	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.367	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.367	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*49.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*61.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/08/2024 09:20	10/10/2024 11:55	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*62.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.197	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0589	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.203	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.191	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.210	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.212	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.445	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.215	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.661	0.845	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.839	0.854	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.889	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.396	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.215	0.445	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0689	0.445	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.445	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.209	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.661	0.834	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.676	0.889	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:57	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.346	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:57	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.273	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:57	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.193	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:57	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.188	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:57	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:57	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.705	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:57	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.33	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:57	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND	PF-CCV-L	ug/kg dry	1.67	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:57	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.679	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:57	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:57	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.775	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:57	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:57	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*117 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*119 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*122 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*113 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*104 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*123 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*109 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*106 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*85.6 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*58.3 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*114 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*119 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*62.8 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*61.7 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*78.1 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*83.1 %*	*25-200*

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*164 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*121 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*46.4 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*54.7 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*47.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*140 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*41.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*51.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:23	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0220	1	EPA 8151A	10/09/2024 09:02	10/10/2024 12:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	10/09/2024 09:02	10/10/2024 12:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0220	1	EPA 8151A	10/09/2024 09:02	10/10/2024 12:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*97.6 %*	*21-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8120**		mg/kg dry	4.66	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.33	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.96**		mg/kg dry	1.40	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**54.6**		mg/kg dry	2.33	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.280	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**780**		mg/kg dry	4.66	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.0**		mg/kg dry	0.466	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.07**		mg/kg dry	0.372	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**10.2**		mg/kg dry	1.86	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8950**		mg/kg dry	23.3	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**5.39**		mg/kg dry	0.466	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2140**		mg/kg dry	4.66	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**54.0**		mg/kg dry	0.466	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**18.3**		mg/kg dry	0.928	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**511**		mg/kg dry	4.66	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.470	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**65.8**		mg/kg dry	46.6	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.33	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.1**		mg/kg dry	0.928	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**17.4**		mg/kg dry	2.32	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0336	1	EPA 7473	10/08/2024 13:12	10/09/2024 14:13	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.559	1	EPA 7196A	10/07/2024 15:46	10/07/2024 22:41	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.0**		mg/kg	0.500	1	Calculation	10/10/2024 17:19	10/10/2024 17:25	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.559	1	EPA 9014/9010C	10/08/2024 07:27	10/08/2024 11:35	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.4**		%	0.100	1	SM 2540G	10/07/2024 08:22	10/07/2024 12:25	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.055	0.11	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E	mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*89.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.361	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.361	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.181	0.361	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*47.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*40.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*52.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/08/2024 09:20	10/10/2024 12:12	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.193	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0579	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.200	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.188	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.183	0.203	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.207	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.209	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.212	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.437	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.650	0.831	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.825	0.839	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.874	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.389	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.211	0.437	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0678	0.437	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.437	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.205	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.650	0.820	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.664	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 20:13	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.340	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 20:13	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.269	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 20:13	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 20:13	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.185	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 20:13	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 20:13	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.693	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 20:13	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.29	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 20:13	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND	PF-CCV-L	ug/kg dry	1.64	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 20:13	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.668	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 20:13	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 20:13	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.762	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 20:13	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 20:13	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*115 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*121 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*113 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*114 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*101 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*8.96 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*110 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*114 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*60.0 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*65.7 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*78.0 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*78.4 %*		*25-200*

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*128 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*122 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*42.3 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*57.8 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*40.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*137 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*45.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*55.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:37	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0218	1	EPA 8151A	10/09/2024 09:02	10/10/2024 13:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0218	1	EPA 8151A	10/09/2024 09:02	10/10/2024 13:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0218	1	EPA 8151A	10/09/2024 09:02	10/10/2024 13:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*87.6 %*	*21-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6220**		mg/kg dry	4.60	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.30	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.38**		mg/kg dry	1.38	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**41.1**		mg/kg dry	2.30	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.069**		mg/kg dry	0.046	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.276	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**867**		mg/kg dry	4.60	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**11.7**		mg/kg dry	0.460	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.76**		mg/kg dry	0.368	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**20.7**		mg/kg dry	1.84	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8480**		mg/kg dry	23.0	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**37.9**	B	mg/kg dry	0.460	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1730**		mg/kg dry	4.60	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**85.5**		mg/kg dry	0.460	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.5**		mg/kg dry	0.916	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**482**		mg/kg dry	4.60	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.30	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.464	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**65.7**		mg/kg dry	46.0	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.30	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**14.3**		mg/kg dry	0.916	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**48.7**		mg/kg dry	2.29	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0333**		mg/kg dry	0.0331	1	EPA 7473	10/08/2024 13:12	10/09/2024 14:13	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.552	1	EPA 7196A	10/07/2024 15:46	10/07/2024 22:41	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**11.7**		mg/kg	0.500	1	Calculation	10/10/2024 17:19	10/10/2024 17:25	AD
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.552	1	EPA 9014/9010C	10/08/2024 07:27	10/08/2024 11:35	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.6**		%	0.100	1	SM 2540G	10/07/2024 08:22	10/07/2024 12:25	SMM
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	ug/L	0.447	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.28**		ug/L	0.245	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**18.4**		ug/L	0.243	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.6 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.4 %*	*70-130*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.7 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*16.5 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.0 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*107 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.2 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.100**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	**Anthracene**	**0.100**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	**Benzo(a)anthracene**	**0.120**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0800**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0600**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	**Chrysene**	**0.120**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.180**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	**Fluorene**	**0.0600**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
91-20-3	**Naphthalene**	**0.480**	B	ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
98-95-3	Nitrobenzene	ND	ICVE	ug/L	0.250	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	**Phenanthrene**	**0.270**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
129-00-0	**Pyrene**	**0.230**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	10/09/2024 08:54	10/10/2024 15:43	LL
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*79.6 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.465	1.75	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 18:47	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.347	1.98	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 18:47	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.703	1.98	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 18:47	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.673	1.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.416	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.812	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.515	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.743	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.12	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.871	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.733	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.683	1.98	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.782	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.228	3.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.871	1.98	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.901	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.31	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.05	7.52	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.03	7.60	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.327	7.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.495	3.52	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/09/2024 10:50	10/11/2024 18:47	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.12	3.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/09/2024 10:50	10/11/2024 18:47	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.248	3.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/09/2024 10:50	10/11/2024 18:47	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.366	3.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/09/2024 10:50	10/11/2024 18:47	AM

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.752	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.77	7.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.20	7.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
83329-89-9	11CL-PF3OUdS	ND		ng/L	1.37	7.49	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.693	7.41	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
919005-14-4	ADONA	ND		ng/L	0.525	7.49	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.921	1.92	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 18:47	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.851	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.01	4.95	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 18:47	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.26	24.8	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 18:47	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.38	24.8	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 18:47	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.95	19.8	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 18:47	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.56	1.98	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 18:47	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.95	19.8	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 18:47	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.78	1.98	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 18:47	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*130 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*133 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*138 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*129 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*137 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*148 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*120 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*95.7 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*84.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.46 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*131 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*79.7 %*		*25-150*

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*74.2 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*82.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*88.1 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*78.3 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*99.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*136 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*54.0 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*80.1 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*65.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*180 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*48.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*59.0 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	10/09/2024 08:34	10/10/2024 12:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	10/09/2024 08:34	10/10/2024 12:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	10/09/2024 08:34	10/10/2024 12:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	10/09/2024 08:34	10/10/2024 12:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	10/09/2024 08:34	10/10/2024 12:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	10/09/2024 08:34	10/10/2024 12:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	10/09/2024 08:34	10/10/2024 12:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	10/09/2024 08:34	10/10/2024 12:09	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.5 %*	*30-150*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	10/09/2024 08:39	10/10/2024 15:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	10/09/2024 08:39	10/10/2024 15:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	10/09/2024 08:39	10/10/2024 15:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*104 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	56	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		ug/L	28	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	17	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		ug/L	28	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.6	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	3	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**285**		ug/L	56	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		ug/L	6	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		ug/L	4	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		ug/L	22	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		ug/L	278	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		ug/L	6	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	Magnesium	ND		ug/L	56	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		ug/L	6	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		ug/L	11	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**974**		ug/L	56	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	* Selenium	ND		ug/L	28	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723		
7440-22-4	Silver	ND		ug/L	6	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**674**		ug/L	556	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	28	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		ug/L	11	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		ug/L	28	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	10/07/2024 08:34	10/07/2024 08:34	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	10/04/2024 21:36	10/04/2024 21:43	ZTS
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	10/10/2024 17:28	10/10/2024 17:30	AD
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	10/07/2024 14:34	10/07/2024 20:17	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: EB_10042024 **York Sample ID:** 24J0369-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:30 pm	10/04/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.459	1.73	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.342	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.693	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.664	1.79	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.410	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.801	1.82	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.508	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.732	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.10	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.859	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.723	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.674	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.771	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	1.01	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.225	3.91	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.859	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.889	1.87	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.29	1.88	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.04	7.42	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	7.50	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.322	7.81	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: EB_10042024 **York Sample ID:** 24J0369-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:30 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.488	3.48	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/09/2024 10:50	10/11/2024 19:03	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.09	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/09/2024 10:50	10/11/2024 19:03	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.244	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/09/2024 10:50	10/11/2024 19:03	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.361	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/09/2024 10:50	10/11/2024 19:03	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.742	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 19:03	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.75	7.32	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 19:03	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.15	7.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 19:03	AM
83329-89-9	11CL-PF3OUdS	ND		ng/L	1.35	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 19:03	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.684	7.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 19:03	AM
919005-14-4	ADONA	ND		ng/L	0.518	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 19:03	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.908	1.89	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 19:03	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.840	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/09/2024 10:50	10/11/2024 19:03	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.98	4.88	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 19:03	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.16	24.4	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 19:03	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.25	24.4	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 19:03	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.90	19.5	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 19:03	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.54	1.95	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 19:03	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.90	19.5	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 19:03	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.76	1.95	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 19:03	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*125 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*130 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*121 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*119 %*	*25-150*

Sample Information

Client Sample ID: EB_10042024 **York Sample ID:** 24J0369-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:30 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*149 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*145 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*126 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*108 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*87.5 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*12.9 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*131 %*			*25-150*						
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*128 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*79.4 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*72.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*83.8 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*78.1 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*96.0 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*134 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*51.1 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*68.7 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*45.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*150 %*	PFSu-H		*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*52.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*64.1 %*			*25-150*						

Sample Information

Client Sample ID: TB_10042024 **York Sample ID:** 24J0369-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:30 pm	10/04/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	**1,1,2-Trichloroethane**	**3.96**		ug/L	0.249	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	**1,2-Dichloroethane**	**0.800**		ug/L	0.377	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10042024 **York Sample ID:** 24J0369-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:30 pm	10/04/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	**4-Methyl-2-pentanone**	**0.790**		ug/L	0.365	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	ug/L	0.447	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**3.63**		ug/L	0.422	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	**Bromoform**	**0.310**	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10042024 **York Sample ID:** 24J0369-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:30 pm	10/04/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10042024 **York Sample ID:** 24J0369-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:30 pm	10/04/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*79.3 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*113 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.6 %*	*70-130*

Analytical Batch Summary

Batch ID: BJ40357 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/04/24
BJ40357-BLK1	Blank	10/04/24
BJ40357-BS1	LCS	10/04/24
BJ40357-DUP1	Duplicate	10/04/24
BJ40357-MS1	Matrix Spike	10/04/24
BJ40357-MSD1	Matrix Spike Dup	10/04/24

Batch ID: BJ40387 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/07/24
24J0369-02	PE54_18	10/07/24
BJ40387-BLK1	Blank	10/07/24
BJ40387-SRM1	Reference	10/07/24

Batch ID: BJ40404 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/07/24
24J0369-02	PE54_18	10/07/24
24J0369-03	PE63_17	10/07/24
24J0369-04	PE71_17	10/07/24
BJ40404-DUP2	Duplicate	10/07/24

Batch ID: BJ40411 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/07/24
BJ40411-BLK1	Blank	10/07/24
BJ40411-BLK2	Blank	10/07/24
BJ40411-BS1	LCS	10/07/24
BJ40411-BS2	LCS	10/07/24

Batch ID: BJ40450 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/07/24
BJ40450-BLK1	Blank	10/07/24
BJ40450-BS1	LCS	10/07/24

Batch ID: BJ40455 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/07/24
24J0369-02	PE54_18	10/07/24
24J0369-03	PE63_17	10/07/24
24J0369-04	PE71_17	10/07/24
BJ40455-BLK1	Blank	10/07/24
BJ40455-SRM1	Reference	10/07/24

Batch ID: BJ40468 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/07/24
24J0369-02	PE54_18	10/07/24
24J0369-03	PE63_17	10/07/24
24J0369-04	PE71_17	10/07/24
BJ40468-BLK1	Blank	10/07/24
BJ40468-BS1	LCS	10/07/24
BJ40468-BSD1	LCS Dup	10/07/24

Batch ID: BJ40470 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/07/24
24J0369-07	TB_10042024	10/07/24
BJ40470-BLK1	Blank	10/07/24
BJ40470-BS1	LCS	10/07/24
BJ40470-BSD1	LCS Dup	10/07/24

Batch ID: BJ40481 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-03	PE63_17	10/08/24
24J0369-04	PE71_17	10/08/24
BJ40481-BLK1	Blank	10/08/24
BJ40481-SRM1	Reference	10/08/24

Batch ID: BJ40506 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/08/24
24J0369-02	PE54_18	10/08/24
24J0369-03	PE63_17	10/08/24
24J0369-04	PE71_17	10/08/24
BJ40506-BLK1	Blank	10/08/24
BJ40506-BS1	LCS	10/08/24

Batch ID: BJ40519 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-02	PE54_18	10/08/24
24J0369-03	PE63_17	10/08/24
24J0369-04	PE71_17	10/08/24
BJ40519-BLK1	Blank	10/08/24
BJ40519-SRM1	Reference	10/08/24

Batch ID: BJ40521 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/08/24
BJ40521-BLK1	Blank	10/08/24
BJ40521-SRM1	Reference	10/08/24

Batch ID: BJ40527 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/08/24
24J0369-02	PE54_18	10/08/24
24J0369-03	PE63_17	10/08/24
BJ40527-BLK1	Blank	10/08/24
BJ40527-DUP1	Duplicate	10/08/24
BJ40527-MS1	Matrix Spike	10/08/24
BJ40527-PS1	Post Spike	10/08/24
BJ40527-SRM1	Reference	10/08/24

Batch ID: BJ40531 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/08/24
24J0369-02	PE54_18	10/08/24
24J0369-03	PE63_17	10/08/24
24J0369-04	PE71_17	10/08/24
BJ40531-BLK1	Blank	10/08/24
BJ40531-BS1	LCS	10/08/24
BJ40531-BS2	LCS	10/08/24

Batch ID: BJ40562 **Preparation Method:** EPA 3015A **Prepared By:** CAM

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/09/24
BJ40562-BLK1	Blank	10/09/24
BJ40562-BS1	LCS	10/09/24

Batch ID: BJ40570 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date

24J0369-05	FB_10042024	10/09/24
24J0369-05	FB_10042024	10/09/24
BJ40570-BLK1	Blank	10/09/24
BJ40570-BLK2	Blank	10/09/24
BJ40570-BS1	LCS	10/09/24
BJ40570-BS2	LCS	10/09/24
BJ40570-BSD2	LCS Dup	10/09/24

Batch ID: BJ40573 **Preparation Method:** EPA 8151A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/09/24

Batch ID: BJ40577 **Preparation Method:** EPA 3535A **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/09/24
BJ40577-BLK1	Blank	10/09/24
BJ40577-BS1	LCS	10/09/24

Batch ID: BJ40579 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/09/24
24J0369-02	PE54_18	10/09/24
24J0369-03	PE63_17	10/09/24
24J0369-04	PE71_17	10/09/24
BJ40579-BLK1	Blank	10/09/24
BJ40579-BS1	LCS	10/09/24

Batch ID: BJ40580 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/09/24
24J0369-02	PE54_18	10/09/24
24J0369-03	PE63_17	10/09/24
24J0369-04	PE71_17	10/09/24
BJ40580-BLK1	Blank	10/09/24
BJ40580-BS1	LCS	10/09/24

Batch ID: BJ40581 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/09/24
24J0369-01	PE46_17.5	10/09/24
24J0369-02	PE54_18	10/09/24
24J0369-02	PE54_18	10/09/24
24J0369-03	PE63_17	10/09/24

24J0369-03	PE63_17	10/09/24
24J0369-04	PE71_17	10/09/24
24J0369-04	PE71_17	10/09/24
BJ40581-BLK2	Blank	10/09/24
BJ40581-BS1	LCS	10/09/24
BJ40581-BS2	LCS	10/09/24

Batch ID: BJ40593 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/09/24
24J0369-06	EB_10042024	10/09/24
BJ40593-BLK1	Blank	10/09/24
BJ40593-BS1	LCS	10/09/24
BJ40593-BS2	LCS	10/09/24
BJ40593-MRL1	MRL Check	10/09/24

Batch ID: BJ40606 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-04	PE71_17	10/09/24
BJ40606-BLK1	Blank	10/09/24
BJ40606-SRM1	Reference	10/09/24

Batch ID: BJ40650 **Preparation Method:** EPA 3510C **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/10/24
BJ40650-BLK1	Blank	10/10/24
BJ40650-BLK2	Blank	10/10/24
BJ40650-BS1	LCS	10/10/24
BJ40650-BS2	LCS	10/10/24

Batch ID: BJ40718 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/10/24
24J0369-02	PE54_18	10/10/24
24J0369-03	PE63_17	10/10/24
24J0369-04	PE71_17	10/10/24

Batch ID: BJ40719 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/10/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40468 - EPA 5035A											
Blank (BJ40468-BLK1) Blank									Prepared & Analyzed: 10/07/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40468 - EPA 5035A											
Blank (BJ40468-BLK1) Blank								Prepared & Analyzed: 10/07/2024			
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*44.7*		*"*	*50.0*		*89.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				
LCS (BJ40468-BS1) LCS								Prepared & Analyzed: 10/07/2024			
1,1,1,2-Tetrachloroethane	47.6		ug/L	50.0		95.2	75-129			30	
1,1,1-Trichloroethane	54.8		"	50.0		110	70-130			30	
1,1,2,2-Tetrachloroethane	45.0		"	50.0		90.0	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55.8		"	50.0		112	70-130			30	
1,1,2-Trichloroethane	45.4		"	50.0		90.9	70-130			30	
1,1-Dichloroethane	54.3		"	50.0		109	70-130			30	
1,1-Dichloroethylene	59.2		"	50.0		118	70-130			30	
1,1-Dichloropropylene	56.1		"	50.0		112	77-127			30	
1,2,3-Trichlorobenzene	45.0		"	50.0		90.0	70-130			30	
1,2,3-Trichloropropane	43.6		"	50.0		87.3	81-126			30	
1,2,4-Trichlorobenzene	47.3		"	50.0		94.7	70-130			30	
1,2,4-Trimethylbenzene	45.4		"	50.0		90.8	84-125			30	
1,2-Dibromo-3-chloropropane	47.4		"	50.0		94.7	40-160			30	
1,2-Dibromoethane	45.8		"	50.0		91.6	70-130			30	
1,2-Dichlorobenzene	43.3		"	50.0		86.6	70-130			30	
1,2-Dichloroethane	55.1		"	50.0		110	70-130			30	
1,2-Dichloropropane	47.4		"	50.0		94.9	70-130			30	
1,3,5-Trimethylbenzene	44.4		"	50.0		88.8	82-126			30	
1,3-Dichlorobenzene	42.0		"	50.0		84.0	70-130			30	
1,3-Dichloropropane	46.8		"	50.0		93.7	83-123			30	
1,4-Dichlorobenzene	43.0		"	50.0		85.9	70-130			30	
1,4-Dioxane	645		"	1050		61.5	40-160			30	
2,2-Dichloropropane	69.4		"	50.0		139	67-136	High Bias		30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40468 - EPA 5035A											
LCS (BJ40468-BS1) LCS								Prepared & Analyzed: 10/07/2024			
2-Butanone	48.7		ug/L	50.0		97.4	40-160			30	
2-Chlorotoluene	44.3		"	50.0		88.6	78-127			30	
2-Hexanone	46.8		"	50.0		93.6	40-160			30	
4-Chlorotoluene	44.8		"	50.0		89.7	79-125			30	
4-Methyl-2-pentanone	35.1		"	50.0		70.2	40-160			30	
Acetone	29.7		"	50.0		59.4	40-160			30	
Acrolein	4.42		"	50.0		8.84	10-238	Low Bias		30	
Acrylonitrile	53.7		"	50.0		107	66-141			30	
Benzene	54.6		"	50.0		109	70-130			30	
Bromobenzene	45.6		"	50.0		91.3	77-129			30	
Bromochloromethane	55.5		"	50.0		111	70-130			30	
Bromodichloromethane	47.5		"	50.0		94.9	70-130			30	
Bromoform	48.7		"	50.0		97.5	70-130			30	
Bromomethane	52.7		"	50.0		105	40-160			30	
Carbon disulfide	59.8		"	50.0		120	40-160			30	
Carbon tetrachloride	57.0		"	50.0		114	70-130			30	
Chlorobenzene	44.8		"	50.0		89.6	70-130			30	
Chloroethane	49.4		"	50.0		98.9	51-142			30	
Chloroform	54.4		"	50.0		109	70-130			30	
Chloromethane	52.5		"	50.0		105	49-132			30	
cis-1,2-Dichloroethylene	56.1		"	50.0		112	70-130			30	
cis-1,3-Dichloropropylene	48.9		"	50.0		97.9	70-130			30	
Cyclohexane	56.9		"	50.0		114	70-130			30	
Dibromochloromethane	47.6		"	50.0		95.1	70-130			30	
Dibromomethane	44.6		"	50.0		89.3	83-124			30	
Dichlorodifluoromethane	57.3		"	50.0		115	40-160			30	
Ethyl Benzene	47.8		"	50.0		95.7	70-130			30	
Hexachlorobutadiene	44.3		"	50.0		88.6	83-133			30	
Isopropylbenzene	45.2		"	50.0		90.3	70-130			30	
Methyl acetate	49.5		"	50.0		99.1	70-130			30	
Methyl tert-butyl ether (MTBE)	60.2		"	50.0		120	70-130			30	
Methylcyclohexane	45.6		"	50.0		91.2	70-130			30	
Methylene chloride	53.9		"	50.0		108	70-130			30	
n-Butylbenzene	47.1		"	50.0		94.1	80-130			30	
n-Propylbenzene	45.6		"	50.0		91.2	74-136			30	
o-Xylene	47.1		"	50.0		94.1	70-130			30	
p- & m- Xylenes	93.8		"	100		93.8	70-130			30	
p-Isopropyltoluene	47.1		"	50.0		94.2	85-125			30	
sec-Butylbenzene	46.1		"	50.0		92.3	83-125			30	
Styrene	48.5		"	50.0		97.0	70-130			30	
tert-Butyl alcohol (TBA)	310		"	250		124	70-130			30	
tert-Butylbenzene	39.6		"	50.0		79.2	80-127	Low Bias		30	
Tetrachloroethylene	41.5		"	50.0		83.0	70-130			30	
Toluene	45.9		"	50.0		91.8	70-130			30	
trans-1,2-Dichloroethylene	56.0		"	50.0		112	70-130			30	
trans-1,3-Dichloropropylene	52.2		"	50.0		104	70-130			30	
Trichloroethylene	46.4		"	50.0		92.9	70-130			30	
Trichlorofluoromethane	52.1		"	50.0		104	40-160			30	
Vinyl Chloride	54.7		"	50.0		109	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.7*		*"*	*50.0*		*91.5*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40468 - EPA 5035A											
LCS (BJ40468-BS1) LCS								Prepared & Analyzed: 10/07/2024			
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*ug/L*	*50.0*		*102*	*76-130*				
LCS Dup (BJ40468-BSD1) LCS Dup								Prepared & Analyzed: 10/07/2024			
1,1,1,2-Tetrachloroethane	51.6		ug/L	50.0		103	75-129		8.10	30	
1,1,1-Trichloroethane	59.6		"	50.0		119	70-130		8.41	30	
1,1,2,2-Tetrachloroethane	47.9		"	50.0		95.8	70-130		6.31	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59.5		"	50.0		119	70-130		6.47	30	
1,1,2-Trichloroethane	48.8		"	50.0		97.6	70-130		7.19	30	
1,1-Dichloroethane	58.5		"	50.0		117	70-130		7.41	30	
1,1-Dichloroethylene	63.9		"	50.0		128	70-130		7.64	30	
1,1-Dichloropropylene	60.8		"	50.0		122	77-127		8.08	30	
1,2,3-Trichlorobenzene	46.3		"	50.0		92.7	70-130		2.98	30	
1,2,3-Trichloropropane	45.9		"	50.0		91.9	81-126		5.11	30	
1,2,4-Trichlorobenzene	49.8		"	50.0		99.7	70-130		5.17	30	
1,2,4-Trimethylbenzene	49.6		"	50.0		99.3	84-125		8.86	30	
1,2-Dibromo-3-chloropropane	49.8		"	50.0		99.6	40-160		5.04	30	
1,2-Dibromoethane	48.4		"	50.0		96.7	70-130		5.46	30	
1,2-Dichlorobenzene	45.1		"	50.0		90.1	70-130		4.03	30	
1,2-Dichloroethane	58.7		"	50.0		117	70-130		6.20	30	
1,2-Dichloropropane	51.3		"	50.0		103	70-130		7.80	30	
1,3,5-Trimethylbenzene	48.8		"	50.0		97.5	82-126		9.36	30	
1,3-Dichlorobenzene	46.1		"	50.0		92.3	70-130		9.40	30	
1,3-Dichloropropane	49.6		"	50.0		99.3	83-123		5.80	30	
1,4-Dichlorobenzene	46.4		"	50.0		92.9	70-130		7.74	30	
1,4-Dioxane	724		"	1050		69.0	40-160		11.5	30	
2,2-Dichloropropane	75.1		"	50.0		150	67-136	High Bias	7.82	30	
2-Butanone	53.0		"	50.0		106	40-160		8.45	30	
2-Chlorotoluene	47.1		"	50.0		94.3	78-127		6.21	30	
2-Hexanone	49.6		"	50.0		99.2	40-160		5.79	30	
4-Chlorotoluene	48.4		"	50.0		96.8	79-125		7.66	30	
4-Methyl-2-pentanone	37.7		"	50.0		75.3	40-160		6.98	30	
Acetone	33.1		"	50.0		66.2	40-160		10.9	30	
Acrolein	3.66		"	50.0		7.32	10-238	Low Bias	18.8	30	
Acrylonitrile	56.8		"	50.0		114	66-141		5.62	30	
Benzene	58.8		"	50.0		118	70-130		7.44	30	
Bromobenzene	49.8		"	50.0		99.5	77-129		8.66	30	
Bromochloromethane	58.6		"	50.0		117	70-130		5.40	30	
Bromodichloromethane	51.4		"	50.0		103	70-130		8.03	30	
Bromoform	51.4		"	50.0		103	70-130		5.23	30	
Bromomethane	59.1		"	50.0		118	40-160		11.5	30	
Carbon disulfide	63.4		"	50.0		127	40-160		5.83	30	
Carbon tetrachloride	61.4		"	50.0		123	70-130		7.45	30	
Chlorobenzene	48.8		"	50.0		97.7	70-130		8.65	30	
Chloroethane	53.5		"	50.0		107	51-142		7.89	30	
Chloroform	57.8		"	50.0		116	70-130		6.13	30	
Chloromethane	56.8		"	50.0		114	49-132		7.82	30	
cis-1,2-Dichloroethylene	60.5		"	50.0		121	70-130		7.68	30	
cis-1,3-Dichloropropylene	52.8		"	50.0		106	70-130		7.55	30	
Cyclohexane	61.0		"	50.0		122	70-130		6.99	30	
Dibromochloromethane	51.3		"	50.0		103	70-130		7.61	30	
Dibromomethane	47.0		"	50.0		94.1	83-124		5.28	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40468 - EPA 5035A											
LCS Dup (BJ40468-BSD1) LCS Dup								Prepared & Analyzed: 10/07/2024			
Dichlorodifluoromethane	60.6		ug/L	50.0		121	40-160		5.56	30	
Ethyl Benzene	51.9		"	50.0		104	70-130		8.14	30	
Hexachlorobutadiene	50.0		"	50.0		100	83-133		12.0	30	
Isopropylbenzene	48.6		"	50.0		97.1	70-130		7.28	30	
Methyl acetate	52.0		"	50.0		104	70-130		4.88	30	
Methyl tert-butyl ether (MTBE)	65.3		"	50.0		131	70-130	High Bias	8.02	30	
Methylcyclohexane	48.7		"	50.0		97.4	70-130		6.51	30	
Methylene chloride	58.2		"	50.0		116	70-130		7.63	30	
n-Butylbenzene	50.2		"	50.0		100	80-130		6.38	30	
n-Propylbenzene	49.2		"	50.0		98.4	74-136		7.64	30	
o-Xylene	50.6		"	50.0		101	70-130		7.33	30	
p- & m- Xylenes	101		"	100		101	70-130		7.16	30	
p-Isopropyltoluene	51.0		"	50.0		102	85-125		7.81	30	
sec-Butylbenzene	49.3		"	50.0		98.6	83-125		6.68	30	
Styrene	52.0		"	50.0		104	70-130		6.98	30	
tert-Butyl alcohol (TBA)	332		"	250		133	70-130	High Bias	7.07	30	
tert-Butylbenzene	42.9		"	50.0		85.9	80-127		8.04	30	
Tetrachloroethylene	42.1		"	50.0		84.3	70-130		1.58	30	
Toluene	49.7		"	50.0		99.3	70-130		7.91	30	
trans-1,2-Dichloroethylene	60.3		"	50.0		121	70-130		7.45	30	
trans-1,3-Dichloropropylene	57.2		"	50.0		114	70-130		9.22	30	
Trichloroethylene	50.4		"	50.0		101	70-130		8.10	30	
Trichlorofluoromethane	56.6		"	50.0		113	40-160		8.28	30	
Vinyl Chloride	58.4		"	50.0		117	70-130		6.42	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.1*		*"*	*50.0*		*92.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40470 - EPA 5030B											
Blank (BJ40470-BLK1) Blank									Prepared & Analyzed: 10/07/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40470 - EPA 5030B											
Blank (BJ40470-BLK1) Blank								Prepared & Analyzed: 10/07/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.79*		*"*	*10.0*		*97.9*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.94*		*"*	*10.0*		*99.4*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.48*		*"*	*10.0*		*94.8*	*70-130*				
LCS (BJ40470-BS1) LCS								Prepared & Analyzed: 10/07/2024			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126			30	
1,1,1-Trichloroethane	11.1		"	10.0		111	70-130			20	
1,1,2,2-Tetrachloroethane	8.93		"	10.0		89.3	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	70-130			20	
1,1,2-Trichloroethane	9.05		"	10.0		90.5	70-130			20	
1,1-Dichloroethane	11.0		"	10.0		110	70-130			20	
1,1-Dichloroethylene	12.3		"	10.0		123	70-130			20	
1,1-Dichloropropylene	11.4		"	10.0		114	83-133			30	
1,2,3-Trichlorobenzene	7.05		"	10.0		70.5	70-130			20	
1,2,3-Trichloropropane	8.72		"	10.0		87.2	77-128			30	
1,2,4-Trichlorobenzene	7.60		"	10.0		76.0	70-130			20	
1,2,4-Trimethylbenzene	11.4		"	10.0		114	82-132			20	
1,2-Dibromo-3-chloropropane	8.28		"	10.0		82.8	40-160			20	
1,2-Dibromoethane	8.84		"	10.0		88.4	70-130			20	
1,2-Dichlorobenzene	9.73		"	10.0		97.3	70-130			20	
1,2-Dichloroethane	9.39		"	10.0		93.9	70-130			20	
1,2-Dichloropropane	11.2		"	10.0		112	70-130			20	
1,3,5-Trimethylbenzene	11.9		"	10.0		119	80-131			30	
1,3-Dichlorobenzene	10.2		"	10.0		102	70-130			20	
1,3-Dichloropropane	9.33		"	10.0		93.3	81-125			30	
1,4-Dichlorobenzene	9.84		"	10.0		98.4	70-130			20	
1,4-Dioxane	144		"	210		68.6	40-160			20	
2,2-Dichloropropane	11.9		"	10.0		119	56-150			30	
2-Butanone	9.50		"	10.0		95.0	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40470 - EPA 5030B											
LCS (BJ40470-BS1) LCS								Prepared & Analyzed: 10/07/2024			
2-Chlorotoluene	11.5		ug/L	10.0		115	79-130			30	
2-Hexanone	7.28		"	10.0		72.8	40-160			20	
4-Chlorotoluene	11.6		"	10.0		116	79-128			30	
4-Methyl-2-pentanone	6.69		"	10.0		66.9	40-160			20	
Acetone	8.74		"	10.0		87.4	40-160			20	
Acrolein	0.940		"	10.0		9.40	10-153	Low Bias		30	
Acrylonitrile	8.21		"	10.0		82.1	51-150			30	
Benzene	11.4		"	10.0		114	70-130			20	
Bromobenzene	10.5		"	10.0		105	78-129			30	
Bromochloromethane	9.72		"	10.0		97.2	70-130			20	
Bromodichloromethane	10.5		"	10.0		105	70-130			20	
Bromoform	6.79		"	10.0		67.9	70-130	Low Bias		20	
Bromomethane	11.4		"	10.0		114	40-160			20	
Carbon disulfide	13.0		"	10.0		130	40-160			20	
Carbon tetrachloride	11.6		"	10.0		116	70-130			20	
Chlorobenzene	10.6		"	10.0		106	70-130			20	
Chloroethane	11.9		"	10.0		119	40-160			20	
Chloroform	10.5		"	10.0		105	70-130			20	
Chloromethane	11.9		"	10.0		119	40-160			20	
cis-1,2-Dichloroethylene	11.1		"	10.0		111	70-130			20	
cis-1,3-Dichloropropylene	9.99		"	10.0		99.9	70-130			20	
Cyclohexane	5.61		"	10.0		56.1	70-130	Low Bias		20	
Dibromochloromethane	8.07		"	10.0		80.7	70-130			20	
Dibromomethane	8.83		"	10.0		88.3	72-134			30	
Dichlorodifluoromethane	12.8		"	10.0		128	40-160			20	
Ethyl Benzene	12.1		"	10.0		121	70-130			20	
Hexachlorobutadiene	8.58		"	10.0		85.8	67-146			30	
Isopropylbenzene	12.6		"	10.0		126	70-130			20	
Methyl acetate	7.66		"	10.0		76.6	70-130			20	
Methyl tert-butyl ether (MTBE)	8.07		"	10.0		80.7	70-130			20	
Methylcyclohexane	11.3		"	10.0		113	70-130			20	
Methylene chloride	10.6		"	10.0		106	70-130			20	
n-Butylbenzene	11.2		"	10.0		112	79-132			30	
n-Propylbenzene	12.3		"	10.0		123	78-133			30	
o-Xylene	11.2		"	10.0		112	70-130			20	
p- & m- Xylenes	23.5		"	20.0		117	70-130			20	
p-Isopropyltoluene	11.8		"	10.0		118	81-136			30	
sec-Butylbenzene	11.7		"	10.0		117	79-137			30	
Styrene	11.3		"	10.0		113	70-130			20	
tert-Butyl alcohol (TBA)	24.0		"	50.0		48.1	25-162			30	
tert-Butylbenzene	10.5		"	10.0		105	77-138			30	
Tetrachloroethylene	11.1		"	10.0		111	70-130			20	
Toluene	11.6		"	10.0		116	70-130			20	
trans-1,2-Dichloroethylene	11.6		"	10.0		116	70-130			20	
trans-1,3-Dichloropropylene	9.53		"	10.0		95.3	70-130			20	
Trichloroethylene	11.5		"	10.0		115	70-130			20	
Trichlorofluoromethane	11.7		"	10.0		117	40-160			20	
Vinyl Chloride	11.8		"	10.0		118	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.07*		*"*	*10.0*		*80.7*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.79*		*"*	*10.0*		*97.9*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40470 - EPA 5030B											
LCS (BJ40470-BS1) LCS								Prepared & Analyzed: 10/07/2024			
LCS Dup (BJ40470-BSD1) LCS Dup								Prepared & Analyzed: 10/07/2024			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126		0.00	30	
1,1,1-Trichloroethane	10.2		"	10.0		102	70-130		7.89	20	
1,1,2,2-Tetrachloroethane	9.81		"	10.0		98.1	70-130		9.39	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	70-130		7.01	20	
1,1,2-Trichloroethane	10.1		"	10.0		101	70-130		10.6	20	
1,1-Dichloroethane	10.5		"	10.0		105	70-130		4.66	20	
1,1-Dichloroethylene	11.3		"	10.0		113	70-130		7.88	20	
1,1-Dichloropropylene	10.6		"	10.0		106	83-133		7.54	30	
1,2,3-Trichlorobenzene	8.09		"	10.0		80.9	70-130		13.7	20	
1,2,3-Trichloropropane	9.44		"	10.0		94.4	77-128		7.93	30	
1,2,4-Trichlorobenzene	8.28		"	10.0		82.8	70-130		8.56	20	
1,2,4-Trimethylbenzene	9.93		"	10.0		99.3	82-132		13.4	20	
1,2-Dibromo-3-chloropropane	9.37		"	10.0		93.7	40-160		12.4	20	
1,2-Dibromoethane	9.93		"	10.0		99.3	70-130		11.6	20	
1,2-Dichlorobenzene	9.38		"	10.0		93.8	70-130		3.66	20	
1,2-Dichloroethane	10.5		"	10.0		105	70-130		10.8	20	
1,2-Dichloropropane	10.8		"	10.0		108	70-130		3.55	20	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131		16.5	30	
1,3-Dichlorobenzene	9.41		"	10.0		94.1	70-130		8.55	20	
1,3-Dichloropropane	10.1		"	10.0		101	81-125		8.22	30	
1,4-Dichlorobenzene	9.15		"	10.0		91.5	70-130		7.27	20	
1,4-Dioxane	195		"	210		92.9	40-160		30.1	20	Non-dir.
2,2-Dichloropropane	11.0		"	10.0		110	56-150		7.34	30	
2-Butanone	10.9		"	10.0		109	40-160		14.0	20	
2-Chlorotoluene	9.91		"	10.0		99.1	79-130		15.0	30	
2-Hexanone	9.64		"	10.0		96.4	40-160		27.9	20	Non-dir.
4-Chlorotoluene	10.1		"	10.0		101	79-128		13.8	30	
4-Methyl-2-pentanone	8.77		"	10.0		87.7	40-160		26.9	20	Non-dir.
Acetone	10.4		"	10.0		104	40-160		17.2	20	
Acrolein	1.38		"	10.0		13.8	10-153		37.9	30	Non-dir.
Acrylonitrile	10.4		"	10.0		104	51-150		23.8	30	
Benzene	11.0		"	10.0		110	70-130		3.39	20	
Bromobenzene	9.83		"	10.0		98.3	78-129		6.69	30	
Bromochloromethane	10.5		"	10.0		105	70-130		7.91	20	
Bromodichloromethane	10.5		"	10.0		105	70-130		0.381	20	
Bromoform	7.88		"	10.0		78.8	70-130		14.9	20	
Bromomethane	10.5		"	10.0		105	40-160		7.69	20	
Carbon disulfide	11.8		"	10.0		118	40-160		9.42	20	
Carbon tetrachloride	10.6		"	10.0		106	70-130		9.16	20	
Chlorobenzene	10.2		"	10.0		102	70-130		4.15	20	
Chloroethane	10.6		"	10.0		106	40-160		11.4	20	
Chloroform	10.5		"	10.0		105	70-130		0.285	20	
Chloromethane	10.7		"	10.0		107	40-160		10.2	20	
cis-1,2-Dichloroethylene	10.9		"	10.0		109	70-130		2.00	20	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	70-130		3.25	20	
Cyclohexane	5.26		"	10.0		52.6	70-130	Low Bias	6.44	20	
Dibromochloromethane	8.74		"	10.0		87.4	70-130		7.97	20	
Dibromomethane	9.72		"	10.0		97.2	72-134		9.60	30	
Dichlorodifluoromethane	11.7		"	10.0		117	40-160		8.75	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40470 - EPA 5030B											
LCS Dup (BJ40470-BSD1) LCS Dup							Prepared & Analyzed: 10/07/2024				
Ethyl Benzene	11.0		ug/L	10.0		110	70-130		8.91	20	
Hexachlorobutadiene	8.31		"	10.0		83.1	67-146		3.20	30	
Isopropylbenzene	10.3		"	10.0		103	70-130		20.5	20	Non-dir.
Methyl acetate	9.85		"	10.0		98.5	70-130		25.0	20	Non-dir.
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	70-130		23.7	20	Non-dir.
Methylcyclohexane	9.83		"	10.0		98.3	70-130		13.6	20	
Methylene chloride	10.8		"	10.0		108	70-130		1.77	20	
n-Butylbenzene	9.65		"	10.0		96.5	79-132		15.1	30	
n-Propylbenzene	10.2		"	10.0		102	78-133		18.5	30	
o-Xylene	10.6		"	10.0		106	70-130		5.43	20	
p- & m- Xylenes	21.7		"	20.0		109	70-130		7.74	20	
p-Isopropyltoluene	10.2		"	10.0		102	81-136		14.7	30	
sec-Butylbenzene	9.83		"	10.0		98.3	79-137		17.3	30	
Styrene	11.0		"	10.0		110	70-130		2.60	20	
tert-Butyl alcohol (TBA)	41.0		"	50.0		82.1	25-162		52.2	30	Non-dir.
tert-Butylbenzene	8.79		"	10.0		87.9	77-138		17.8	30	
Tetrachloroethylene	9.71		"	10.0		97.1	70-130		13.2	20	
Toluene	10.6		"	10.0		106	70-130		8.93	20	
trans-1,2-Dichloroethylene	10.8		"	10.0		108	70-130		7.31	20	
trans-1,3-Dichloropropylene	10.4		"	10.0		104	70-130		8.83	20	
Trichloroethylene	10.0		"	10.0		100	70-130		13.8	20	
Trichlorofluoromethane	10.5		"	10.0		105	40-160		10.8	20	
Vinyl Chloride	10.7		"	10.0		107	70-130		10.5	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.52*		*"*	*10.0*		*95.2*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.80*		*"*	*10.0*		*98.0*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.42*		*"*	*10.0*		*94.2*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40579 - EPA 3550C											
Blank (BJ40579-BLK1) Blank									Prepared & Analyzed: 10/09/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40579 - EPA 3550C											
Blank (BJ40579-BLK1) Blank									Prepared & Analyzed: 10/09/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.24*		"	*1.66*		*74.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.19*		"	*1.66*		*71.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.650*		"	*0.831*		*78.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.634*		"	*0.831*		*76.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.13*		"	*1.66*		*68.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.630*		"	*0.831*		*75.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40579 - EPA 3550C											
LCS (BJ40579-BS1) LCS								Prepared & Analyzed: 10/09/2024			
1,1-Biphenyl	1.22	0.0416	mg/kg wet	0.831		147	18-111	High Bias			
1,2,4,5-Tetrachlorobenzene	1.17	0.0830	"	0.831		141	21-131	High Bias			
1,2,4-Trichlorobenzene	1.18	0.0416	"	1.25		94.9	10-140				
1,2-Dichlorobenzene	1.06	0.0416	"	1.25		85.5	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	1.10	0.0416	"	1.25		88.0	17-137				
1,3-Dichlorobenzene	1.04	0.0416	"	1.25		83.7	33-110				
1,4-Dichlorobenzene	1.07	0.0416	"	1.25		85.5	32-104				
2,3,4,6-Tetrachlorophenol	1.50	0.0830	"	1.25		120	30-130				
2,4,5-Trichlorophenol	1.26	0.0416	"	1.25		101	27-118				
2,4,6-Trichlorophenol	1.22	0.0416	"	1.25		98.0	31-120				
2,4-Dichlorophenol	1.28	0.0416	"	1.25		103	20-127				
2,4-Dimethylphenol	1.02	0.0416	"	1.25		82.0	14-132				
2,4-Dinitrophenol	1.70	0.0830	"	1.25		136	10-171				
2,4-Dinitrotoluene	1.10	0.0416	"	1.25		88.4	34-131				
2,6-Dinitrotoluene	1.13	0.0416	"	1.25		90.8	31-128				
2-Chloronaphthalene	1.12	0.0416	"	1.25		90.0	31-117				
2-Chlorophenol	1.17	0.0416	"	1.25		94.1	33-113				
2-Methylnaphthalene	1.15	0.0416	"	1.25		92.4	12-138				
2-Methylphenol	1.22	0.0416	"	1.25		97.8	10-136				
2-Nitroaniline	1.13	0.0830	"	1.25		90.6	27-132				
2-Nitrophenol	1.22	0.0416	"	1.25		98.0	17-129				
3- & 4-Methylphenols	1.09	0.0416	"	1.25		87.1	29-103				
3,3-Dichlorobenzidine	0.983	0.0416	"	0.831		118	22-149				
3-Nitroaniline	0.884	0.0830	"	1.25		70.9	20-133				
4,6-Dinitro-2-methylphenol	1.69	0.0830	"	1.25		135	10-143				
4-Bromophenyl phenyl ether	0.980	0.0416	"	1.25		78.6	29-120				
4-Chloro-3-methylphenol	1.22	0.0416	"	1.25		97.6	24-129				
4-Chloroaniline	0.834	0.0416	"	1.25		67.0	10-132				
4-Chlorophenyl phenyl ether	1.12	0.0416	"	1.25		90.1	27-124				
4-Nitroaniline	0.977	0.0830	"	1.25		78.4	16-128				
4-Nitrophenol	1.33	0.0830	"	1.25		106	10-141				
Acenaphthene	1.09	0.0416	"	1.25		87.9	30-121				
Acenaphthylene	1.10	0.0416	"	1.25		88.3	30-115				
Acetophenone	1.16	0.0416	"	0.831		140	20-112	High Bias			
Aniline	1.10	0.166	"	1.25		88.4	10-119				
Anthracene	1.15	0.0416	"	1.25		92.3	34-118				
Atrazine	1.08	0.0416	"	0.831		130	26-112	High Bias			
Benzaldehyde	0.866	0.0416	"	0.831		104	21-100	High Bias			
Benzo(a)anthracene	1.15	0.0416	"	1.25		92.3	32-122				
Benzo(a)pyrene	1.13	0.0416	"	1.25		90.6	29-133				
Benzo(b)fluoranthene	1.17	0.0416	"	1.25		94.1	25-133				
Benzo(g,h,i)perylene	1.24	0.0416	"	1.25		99.5	10-143				
Benzo(k)fluoranthene	1.11	0.0416	"	1.25		89.1	25-128				
Benzoic acid	1.14	0.0416	"	0.831		137	10-140				
Benzyl alcohol	1.13	0.0416	"	1.25		90.8	30-115				
Benzyl butyl phthalate	1.19	0.0416	"	1.25		95.2	26-126				
Bis(2-chloroethoxy)methane	1.21	0.0416	"	1.25		97.3	19-132				
Bis(2-chloroethyl)ether	1.10	0.0416	"	1.25		88.0	19-125				
Bis(2-chloroisopropyl)ether	1.06	0.0416	"	1.25		84.9	20-135				
Bis(2-ethylhexyl)phthalate	1.23	0.0416	"	1.25		99.0	10-155				
Caprolactam	1.16	0.0830	"	0.831		140	10-127	High Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40579 - EPA 3550C											
LCS (BJ40579-BS1) LCS							Prepared & Analyzed: 10/09/2024				
Carbazole	1.13	0.0416	mg/kg wet	1.25		90.9	35-123				
Chrysene	1.15	0.0416	"	1.25		92.2	32-123				
Dibenzo(a,h)anthracene	1.22	0.0416	"	1.25		98.1	10-136				
Dibenzofuran	1.11	0.0416	"	1.25		89.0	29-121				
Diethyl phthalate	1.14	0.0416	"	1.25		91.3	34-116				
Dimethyl phthalate	1.09	0.0416	"	1.25		87.1	35-124				
Di-n-butyl phthalate	1.13	0.0416	"	1.25		90.8	31-116				
Di-n-octyl phthalate	1.23	0.0416	"	1.25		99.1	26-136				
Fluoranthene	1.08	0.0416	"	1.25		86.7	33-122				
Fluorene	1.13	0.0416	"	1.25		90.6	29-123				
Hexachlorobenzene	1.03	0.0416	"	1.25		82.6	21-124				
Hexachlorobutadiene	1.20	0.0416	"	1.25		96.7	10-149				
Hexachlorocyclopentadiene	1.02	0.0416	"	1.25		82.2	10-129				
Hexachloroethane	1.04	0.0416	"	1.25		83.8	28-108				
Indeno(1,2,3-cd)pyrene	1.22	0.0416	"	1.25		98.2	10-135				
Isophorone	1.20	0.0416	"	1.25		96.7	20-132				
Naphthalene	1.28	0.0416	"	1.25		102	23-124				
Nitrobenzene	1.17	0.0416	"	1.25		94.1	13-132				
N-Nitrosodimethylamine	1.03	0.0416	"	1.25		82.4	11-129				
N-nitroso-di-n-propylamine	1.07	0.0416	"	1.25		86.1	24-119				
N-Nitrosodiphenylamine	1.25	0.0416	"	1.25		101	22-152				
Pentachlorophenol	1.95	0.0416	"	1.25		156	10-139	High Bias			
Phenanthrene	1.12	0.0416	"	1.25		89.6	33-123				
Phenol	1.27	0.0416	"	1.25		102	23-115				
Pyrene	1.18	0.0416	"	1.25		94.9	24-130				
Pyridine	0.874	0.166	"	1.25		70.2	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.50*		*"*	*1.66*		*90.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.54*		*"*	*1.66*		*92.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.771*		*"*	*0.831*		*92.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.798*		*"*	*0.831*		*96.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.60*		*"*	*1.66*		*96.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.796*		*"*	*0.831*		*95.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40650 - EPA 3510C											
Blank (BJ40650-BLK1) Blank									Prepared & Analyzed: 10/10/2024		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40650 - EPA 3510C											
Blank (BJ40650-BLK1) Blank									Prepared & Analyzed: 10/10/2024		
Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*11.2*		"	*50.0*		*22.4*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.66*		"	*50.0*		*15.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.8*		"	*25.0*		*63.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.2*		"	*25.0*		*49.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*49.5*		"	*50.0*		*99.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.3*		"	*25.0*		*69.2*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40650 - EPA 3510C											
Blank (BJ40650-BLK2) Blank									Prepared & Analyzed: 10/10/2024		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	0.0600	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BJ40650-BS1) LCS									Prepared & Analyzed: 10/10/2024		
1,1-Biphenyl	12.5	5.00	ug/L	25.0		50.0	33-95				
1,2,4,5-Tetrachlorobenzene	13.2	5.00	"	25.0		52.8	26-120				
1,2,4-Trichlorobenzene	12.0	5.00	"	25.0		48.1	20-118				
1,2-Dichlorobenzene	12.1	5.00	"	25.0		48.3	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	17.4	5.00	"	25.0		69.4	16-141				
1,3-Dichlorobenzene	11.6	5.00	"	25.0		46.5	23-117				
1,4-Dichlorobenzene	11.7	5.00	"	25.0		46.9	30-105				
2,3,4,6-Tetrachlorophenol	15.4	5.00	"	25.0		61.6	30-130				
2,4,5-Trichlorophenol	15.1	5.00	"	25.0		60.3	32-114				
2,4,6-Trichlorophenol	13.7	5.00	"	25.0		54.7	35-118				
2,4-Dichlorophenol	12.1	5.00	"	25.0		48.4	25-116				
2,4-Dimethylphenol	12.6	5.00	"	25.0		50.3	15-116				
2,4-Dinitrophenol	20.7	5.00	"	25.0		82.8	10-170				
2,4-Dinitrotoluene	18.8	5.00	"	25.0		75.1	41-128				
2,6-Dinitrotoluene	17.1	5.00	"	25.0		68.5	45-116				
2-Chloronaphthalene	11.8	5.00	"	25.0		47.4	33-112				
2-Chlorophenol	10.8	5.00	"	25.0		43.4	15-120				
2-Methylnaphthalene	11.3	5.00	"	25.0		45.3	24-118				
2-Methylphenol	8.86	5.00	"	25.0		35.4	10-110				
2-Nitroaniline	14.7	5.00	"	25.0		58.9	34-129				
2-Nitrophenol	13.8	5.00	"	25.0		55.0	28-118				
3- & 4-Methylphenols	7.19	5.00	"	25.0		28.8	10-107				
3,3-Dichlorobenzidine	11.8	5.00	"	25.0		47.3	15-187				
3-Nitroaniline	12.7	5.00	"	25.0		50.8	24-134				
4,6-Dinitro-2-methylphenol	30.3	5.00	"	25.0		121	10-153				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40650 - EPA 3510C											
LCS (BJ40650-BS1) LCS							Prepared & Analyzed: 10/10/2024				
4-Bromophenyl phenyl ether	17.0	5.00	ug/L	25.0		67.9	34-120				
4-Chloro-3-methylphenol	14.0	5.00	"	25.0		56.2	20-120				
4-Chloroaniline	12.1	5.00	"	25.0		48.3	10-147				
4-Chlorophenyl phenyl ether	14.0	5.00	"	25.0		56.2	27-121				
4-Nitroaniline	13.0	5.00	"	25.0		52.0	13-134				
4-Nitrophenol	6.87	5.00	"	25.0		27.5	10-131				
Acenaphthene	11.9	0.0500	"	25.0		47.6	25-116				
Acenaphthylene	12.2	0.0500	"	25.0		48.9	26-116				
Acetophenone	14.7	5.00	"	25.0		58.9	25-110				
Aniline	18.2	5.00	"	25.0		72.7	10-117				
Anthracene	15.2	0.0500	"	25.0		60.7	25-123				
Benzaldehyde	15.7	5.00	"	25.0		63.0	29-117				
Benzo(a)anthracene	13.9	0.0500	"	25.0		55.5	33-125				
Benzo(a)pyrene	14.3	0.0500	"	25.0		57.3	32-132				
Benzo(b)fluoranthene	14.3	0.0500	"	25.0		57.2	22-137				
Benzo(g,h,i)perylene	16.3	0.0500	"	25.0		65.1	10-138				
Benzo(k)fluoranthene	16.7	0.0500	"	25.0		66.7	20-137				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	7.16	5.00	"	25.0		28.6	10-117				
Benzyl butyl phthalate	13.0	5.00	"	25.0		52.0	29-133				
Bis(2-chloroethoxy)methane	14.8	5.00	"	25.0		59.3	10-154				
Bis(2-chloroethyl)ether	26.2	5.00	"	25.0		105	17-125				
Bis(2-chloroisopropyl)ether	17.7	5.00	"	25.0		70.6	10-139				
Bis(2-ethylhexyl)phthalate	14.3	0.500	"	25.0		57.2	10-189				
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias			
Carbazole	14.0	5.00	"	25.0		56.0	42-126				
Chrysene	14.3	0.0500	"	25.0		57.2	32-124				
Dibenzo(a,h)anthracene	16.1	0.0500	"	25.0		64.6	16-133				
Dibenzofuran	12.8	5.00	"	25.0		51.1	36-113				
Diethyl phthalate	14.5	5.00	"	25.0		58.0	38-115				
Dimethyl phthalate	14.9	5.00	"	25.0		59.4	38-129				
Di-n-butyl phthalate	15.5	5.00	"	25.0		61.9	31-120				
Di-n-octyl phthalate	13.8	5.00	"	25.0		55.1	21-149				
Fluoranthene	15.1	0.0500	"	25.0		60.4	32-121				
Fluorene	13.3	0.0500	"	25.0		53.3	28-118				
Hexachlorobenzene	14.5	0.0200	"	25.0		58.0	23-124				
Hexachlorobutadiene	13.1	0.500	"	25.0		52.6	15-123				
Hexachlorocyclopentadiene	9.19	10.0	"	25.0		36.8	10-130				
Hexachloroethane	13.3	0.500	"	25.0		53.0	18-115				
Indeno(1,2,3-cd)pyrene	16.3	0.0500	"	25.0		65.1	15-135				
Isophorone	16.5	5.00	"	25.0		65.9	25-127				
Naphthalene	11.8	0.0500	"	25.0		47.1	18-120				
Nitrobenzene	14.7	0.250	"	25.0		58.8	21-121				
N-Nitrosodimethylamine	5.40	0.500	"	25.0		21.6	10-124				
N-nitroso-di-n-propylamine	16.0	5.00	"	25.0		64.1	26-122				
N-Nitrosodiphenylamine	16.8	5.00	"	25.0		67.0	23-149				
Pentachlorophenol	15.6	0.250	"	25.0		62.5	10-156				
Phenanthrene	14.8	0.0500	"	25.0		59.0	24-127				
Phenol	4.20	5.00	"	25.0		16.8	10-110				
Pyrene	13.1	0.0500	"	25.0		52.5	31-132				
Pyridine	3.27	5.00	"	35.0		9.34	10-90	Low Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40650 - EPA 3510C											
LCS (BJ40650-BS1) LCS							Prepared & Analyzed: 10/10/2024				
Surrogate: SURR: 2-Fluorophenol	*10.5*		*ug/L*	*50.0*		*21.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.72*		*"*	*50.0*		*15.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.7*		*"*	*25.0*		*62.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.6*		*"*	*25.0*		*50.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*51.0*		*"*	*50.0*		*102*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.4*		*"*	*25.0*		*65.5*	*30.7-106*				
LCS (BJ40650-BS2) LCS							Prepared & Analyzed: 10/10/2024				
Acenaphthene	0.910	0.0500	ug/L	1.00		91.0	25-116				
Acenaphthylene	1.12	0.0500	"	1.00		112	26-116				
Anthracene	1.20	0.0500	"	1.00		120	25-123				
Benzo(a)anthracene	1.06	0.0500	"	1.00		106	33-125				
Benzo(a)pyrene	1.02	0.0500	"	1.00		102	32-132				
Benzo(b)fluoranthene	0.960	0.0500	"	1.00		96.0	22-137				
Benzo(g,h,i)perylene	1.15	0.0500	"	1.00		115	10-138				
Benzo(k)fluoranthene	1.03	0.0500	"	1.00		103	20-137				
Bis(2-ethylhexyl)phthalate	1.36	0.500	"	1.00		136	10-189				
Chrysene	1.02	0.0500	"	1.00		102	32-124				
Dibenzo(a,h)anthracene	1.06	0.0500	"	1.00		106	16-133				
Fluoranthene	1.12	0.0500	"	1.00		112	32-121				
Fluorene	0.970	0.0500	"	1.00		97.0	28-118				
Hexachlorobenzene	0.930	0.0200	"	1.00		93.0	23-124				
Hexachlorobutadiene	0.640	0.500	"	1.00		64.0	15-123				
Hexachloroethane	0.720	0.500	"	1.00		72.0	18-115				
Indeno(1,2,3-cd)pyrene	1.10	0.0500	"	1.00		110	15-135				
Naphthalene	0.870	0.0500	"	1.00		87.0	18-120				
Nitrobenzene	0.510	0.250	"	1.00		51.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.77	0.250	"	1.00		177	10-156	High Bias			
Phenanthrene	1.10	0.0500	"	1.00		110	24-127				
Pyrene	1.07	0.0500	"	1.00		107	31-132				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40506 - EPA 3550C												
Blank (BJ40506-BLK1)	Blank									Prepared: 10/08/2024 Analyzed: 10/09/2024		
1,4-Dioxane		ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8		*337*		*"*	*495*		*68.0*	*39-127.5*				
LCS (BJ40506-BS1)	LCS									Prepared: 10/08/2024 Analyzed: 10/09/2024		
1,4-Dioxane		494	19.8	ug/kg	495		99.8	40-130				
Surrogate: 1,4-Dioxane-d8		*356*		*"*	*495*		*72.0*	*39-127.5*				
Batch BJ40577 - EPA 3535A												
Blank (BJ40577-BLK1)	Blank									Prepared: 10/09/2024 Analyzed: 10/10/2024		
1,4-Dioxane		ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8		*4.03*		*"*	*4.00*		*101*	*36.6-118*				
LCS (BJ40577-BS1)	LCS									Prepared: 10/09/2024 Analyzed: 10/10/2024		
1,4-Dioxane		2.91	0.300	ug/L	4.00		72.8	50-130				
Surrogate: 1,4-Dioxane-d8		*3.03*		*"*	*4.00*		*75.6*	*36.6-118*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
Blank (BJ40531-BLK1) Blank									Prepared: 10/08/2024 Analyzed: 10/09/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.992	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.96	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*3.11*		"	*2.31*		*135*	*25-150*				
Surrogate: M5PFHxA	*3.48*		"	*2.48*		*140*	*25-150*				
Surrogate: M4PFHpA	*3.23*		"	*2.48*		*130*	*25-150*				
Surrogate: M3PFHxS	*2.87*		"	*2.35*		*122*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.24*		"	*2.48*		*131*	*25-150*				
Surrogate: M6PFDA	*1.62*		"	*1.24*		*130*	*25-150*				
Surrogate: M7PFUdA	*1.46*		"	*1.24*		*117*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.11*		"	*1.24*		*89.2*	*25-150*				
Surrogate: M2PFTeDA	*0.992*		"	*1.24*		*80.0*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
Blank (BJ40531-BLK1) Blank								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.91*		*ug/kg wet*	*9.92*		*69.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.24*		*"*	*2.38*		*136*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*7.09*		*"*	*4.96*		*143*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.64*		*"*	*2.48*		*66.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.38*		*"*	*4.96*		*68.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.55*		*"*	*4.96*		*71.5*	*25-150*				
Surrogate: M2-6:2 FTS	*5.16*		*"*	*4.72*		*109*	*25-200*				
Surrogate: M2-8:2 FTS	*6.86*		*"*	*4.76*		*144*	*25-200*				
Surrogate: M9PFNA	*1.48*		*"*	*1.24*		*120*	*25-150*				
Surrogate: M2-4:2 FTS	*2.40*		*"*	*4.65*		*51.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.62*		*"*	*2.48*		*65.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.29*		*"*	*2.48*		*52.1*	*25-150*				
Surrogate: M3HFPO-DA	*17.7*		*"*	*9.92*		*178*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.0*		*"*	*24.8*		*48.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.0*		*"*	*24.8*		*52.2*	*25-150*				
LCS (BJ40531-BS1) LCS								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Perfluorobutanesulfonic acid (PFBS)	3.30	0.177	ug/kg wet	3.54		93.2	50-150				
Perfluorohexanoic acid (PFHxA)	3.90	0.200	"	4.00		97.6	50-150				
Perfluoroheptanoic acid (PFHpA)	4.07	0.200	"	4.00		102	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.92	0.183	"	3.66		107	50-150				
Perfluorooctanoic acid (PFOA)	3.75	0.200	"	4.00		93.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.51	0.186	"	3.72		94.3	50-150				
Perfluorononanoic acid (PFNA)	3.79	0.200	"	4.00		94.7	50-150				
Perfluorodecanoic acid (PFDA)	3.42	0.200	"	4.00		85.5	50-150				
Perfluoroundecanoic acid (PFUnA)	5.12	0.200	"	4.00		128	50-150				
Perfluorododecanoic acid (PFDoA)	3.77	0.200	"	4.00		94.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.23	0.200	"	4.00		106	50-150				
Perfluorotetradecanoic acid (PFTA)	3.82	0.200	"	4.00		95.4	50-150				
N-MeFOSAA	4.19	0.200	"	4.00		105	50-150				
N-EtFOSAA	4.12	0.200	"	4.00		103	50-150				
Perfluoropentanoic acid (PFPeA)	7.55	0.400	"	8.00		94.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.97	0.200	"	4.00		74.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.53	0.200	"	3.82		92.4	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.22	0.193	"	3.86		83.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.6	0.760	"	15.2		102	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.7	0.768	"	15.4		96.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.6	0.800	"	16.0		97.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	12.0	0.356	"	7.12		168	50-150	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.27	0.400	"	8.00		90.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	6.62	0.400	"	8.00		82.7	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.28	0.400	"	8.00		91.0	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.02	0.188	"	3.76		107	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.8	0.750	"	15.0		98.3	50-150				
HFPO-DA (Gen-X)	7.77	0.800	"	8.00		97.1	50-150				
11CL-PF3OUdS	7.10	0.756	"	7.56		93.9	50-150				
9CL-PF3ONS	8.21	0.748	"	7.48		110	50-150				
ADONA	5.97	0.756	"	7.56		78.9	50-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
LCS (BJ40531-BS1) LCS								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.98	0.194	ug/kg wet	3.88		51.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.33	0.192	"	3.84		86.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	14.8	1.00	"	16.0		92.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	73.5	5.00	"	80.0		91.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	59.7	5.00	"	80.0		74.6	50-150				
N-MeFOSE	36.8	2.00	"	40.0		92.0	50-150				
N-MeFOSA	4.20	0.200	"	4.00		105	50-150				
N-EtFOSE	40.6	2.00	"	40.0		102	50-150				
N-EtFOSA	3.98	0.200	"	4.00		99.5	50-150				
Surrogate: M3PFBS	*2.93*		"	*2.33*		*126*	*25-150*				
Surrogate: M5PFHxA	*3.00*		"	*2.50*		*120*	*25-150*				
Surrogate: M4PFHpA	*3.29*		"	*2.50*		*131*	*25-150*				
Surrogate: M3PFHxS	*2.78*		"	*2.37*		*117*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.12*		"	*2.50*		*125*	*25-150*				
Surrogate: M6PFDA	*1.56*		"	*1.25*		*124*	*25-150*				
Surrogate: M7PFUdA	*1.31*		"	*1.25*		*105*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.22*		"	*1.25*		*97.9*	*25-150*				
Surrogate: M2PFTeDA	*1.09*		"	*1.25*		*87.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.7*		"	*10.0*		*117*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.96*		"	*2.40*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.76*		"	*5.00*		*135*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.65*		"	*2.50*		*66.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.07*		"	*5.00*		*61.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.26*		"	*5.00*		*65.2*	*25-150*				
Surrogate: M2-6:2 FTS	*5.25*		"	*4.76*		*110*	*25-200*				
Surrogate: M2-8:2 FTS	*7.75*		"	*4.80*		*161*	*25-200*				
Surrogate: M9PFNA	*1.37*		"	*1.25*		*110*	*25-150*				
Surrogate: M2-4:2 FTS	*2.66*		"	*4.69*		*56.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.69*		"	*2.50*		*67.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.32*		"	*2.50*		*52.7*	*25-150*				
Surrogate: M3HFPO-DA	*16.0*		"	*10.0*		*160*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.1*		"	*25.0*		*48.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.6*		"	*25.0*		*54.2*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
LCS (BJ40531-BS2) LCS								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Perfluorobutanesulfonic acid (PFBS)	0.646	0.174	ug/kg wet	0.695		92.8	50-150				
Perfluorohexanoic acid (PFHxA)	0.763	0.196	"	0.786		97.1	50-150				
Perfluoroheptanoic acid (PFHpA)	0.824	0.196	"	0.786		105	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.772	0.180	"	0.719		107	50-150				
Perfluorooctanoic acid (PFOA)	0.642	0.196	"	0.786		81.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.739	0.183	"	0.731		101	50-150				
Perfluorononanoic acid (PFNA)	0.710	0.196	"	0.786		90.4	50-150				
Perfluorodecanoic acid (PFDA)	0.633	0.196	"	0.786		80.6	50-150				
Perfluoroundecanoic acid (PFUnA)	0.948	0.196	"	0.786		121	50-150				
Perfluorododecanoic acid (PFDoA)	0.692	0.196	"	0.786		88.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.847	0.196	"	0.786		108	50-150				
Perfluorotetradecanoic acid (PFTA)	0.812	0.196	"	0.786		103	50-150				
N-MeFOSAA	0.806	0.196	"	0.786		103	50-150				
N-EtFOSAA	0.723	0.196	"	0.786		92.0	50-150				
Perfluoropentanoic acid (PFPeA)	1.47	0.393	"	1.57		93.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.658	0.196	"	0.786		83.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.769	0.196	"	0.750		102	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.717	0.190	"	0.758		94.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.86	0.747	"	2.99		95.6	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.52	0.754	"	3.02		117	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.88	0.786	"	3.14		91.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	2.12	0.350	"	1.40		152	50-150	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.29	0.393	"	1.57		81.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.27	0.393	"	1.57		80.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.43	0.393	"	1.57		90.7	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.746	0.185	"	0.739		101	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.85	0.737	"	2.95		96.7	50-150				
HFPO-DA (Gen-X)	2.08	0.786	"	1.57		132	50-150				
11CL-PF3OUdS	1.48	0.743	"	1.49		99.6	50-150				
9CL-PF3ONS	1.57	0.735	"	1.47		107	50-150				
ADONA	1.16	0.743	"	1.49		77.9	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.557	0.191	"	0.762		73.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.659	0.189	"	0.754		87.4	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	2.58	0.982	"	3.14		81.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	13.3	4.91	"	15.7		84.6	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	10.7	4.91	"	15.7		68.0	50-150				
N-MeFOSE	6.88	1.96	"	7.86		87.6	50-150				
N-MeFOSA	0.973	0.196	"	0.786		124	50-150				
N-EtFOSE	8.02	1.96	"	7.86		102	50-150				
N-EtFOSA	0.841	0.196	"	0.786		107	50-150				
Surrogate: M3PFBS	*2.83*		"	*2.29*		*124*	*25-150*				
Surrogate: M5PFHxA	*3.19*		"	*2.46*		*130*	*25-150*				
Surrogate: M4PFHpA	*2.91*		"	*2.46*		*119*	*25-150*				
Surrogate: M3PFHxS	*2.79*		"	*2.33*		*120*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.16*		"	*2.46*		*129*	*25-150*				
Surrogate: M6PFDA	*1.49*		"	*1.23*		*121*	*25-150*				
Surrogate: M7PFUdA	*1.28*		"	*1.23*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.13*		"	*1.23*		*91.8*	*25-150*				
Surrogate: M2PFTeDA	*1.01*		"	*1.23*		*82.2*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
LCS (BJ40531-BS2) LCS									Prepared: 10/08/2024 Analyzed: 10/09/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		*ug/kg wet*	*9.82*		*116*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.78*		*"*	*2.35*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.66*		*"*	*4.91*		*136*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.37*		*"*	*2.46*		*55.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.01*		*"*	*4.91*		*61.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.25*		*"*	*4.91*		*66.2*	*25-150*				
Surrogate: M2-6:2 FTS	*4.74*		*"*	*4.67*		*102*	*25-200*				
Surrogate: M2-8:2 FTS	*6.48*		*"*	*4.72*		*137*	*25-200*				
Surrogate: M9PFNA	*1.44*		*"*	*1.23*		*117*	*25-150*				
Surrogate: M2-4:2 FTS	*2.28*		*"*	*4.61*		*49.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.69*		*"*	*2.46*		*68.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.43*		*"*	*2.46*		*58.1*	*25-150*				
Surrogate: M3HFPO-DA	*15.8*		*"*	*9.82*		*161*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.3*		*"*	*24.6*		*50.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.0*		*"*	*24.6*		*57.0*	*25-150*				
Batch BJ40593 - EPA 1633 Prep											
Blank (BJ40593-BLK1) Blank									Prepared: 10/09/2024 Analyzed: 10/11/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40593 - EPA 1633 Prep											
Blank (BJ40593-BLK1) Blank									Prepared: 10/09/2024 Analyzed: 10/11/2024		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*30.9*		"	*23.3*		*133*	*25-150*				
Surrogate: M5PFHxA	*31.2*		"	*25.0*		*125*	*25-150*				
Surrogate: M4PFHpA	*36.9*		"	*25.0*		*148*	*25-150*				
Surrogate: M3PFHxS	*29.5*		"	*23.7*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*39.0*		"	*25.0*		*156*	*25-150*				
Surrogate: M6PFDA	*17.2*		"	*12.5*		*138*	*25-150*				
Surrogate: M7PFUdA	*14.6*		"	*12.5*		*116*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.8*		"	*12.5*		*94.6*	*25-150*				
Surrogate: M2PFTeDA	*10.1*		"	*12.5*		*81.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.56*		"	*100*		*3.56*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*33.5*		"	*24.0*		*140*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*43.4*		"	*50.0*		*86.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*19.0*		"	*25.0*		*76.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*36.2*		"	*50.0*		*72.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*41.9*		"	*50.0*		*83.7*	*25-150*				
Surrogate: M2-6:2 FTS	*47.6*		"	*47.6*		*100*	*25-200*				
Surrogate: M2-8:2 FTS	*69.8*		"	*48.0*		*145*	*25-200*				
Surrogate: M9PFNA	*16.5*		"	*12.5*		*132*	*25-150*				
Surrogate: M2-4:2 FTS	*26.1*		"	*46.9*		*55.6*	*25-150*				
Surrogate: d-N-MeFOSA	*19.0*		"	*25.0*		*75.9*	*25-150*				
Surrogate: d-N-EtFOSA	*14.2*		"	*25.0*		*56.8*	*25-150*				
Surrogate: M3HFPO-DA	*168*		"	*100*		*168*	*25-150*				
Surrogate: d9-N-EtFOSE	*123*		"	*250*		*49.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*139*		"	*250*		*55.5*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40593 - EPA 1633 Prep											
LCS (BJ40593-BS1) LCS								Prepared: 10/09/2024 Analyzed: 10/11/2024			
Perfluorobutanesulfonic acid (PFBS)	37.3	1.77	ng/L	35.4		105	50-150				
Perfluorohexanoic acid (PFHxA)	42.3	2.00	"	40.0		106	50-150				
Perfluoroheptanoic acid (PFHpA)	46.0	2.00	"	40.0		115	50-150				
Perfluorohexanesulfonic acid (PFHxS)	42.4	1.83	"	36.6		116	50-150				
Perfluorooctanoic acid (PFOA)	40.5	2.00	"	40.0		101	50-150				
Perfluorooctanesulfonic acid (PFOS)	41.4	1.86	"	37.2		111	50-150				
Perfluorononanoic acid (PFNA)	46.1	2.00	"	40.0		115	50-150				
Perfluorodecanoic acid (PFDA)	36.8	2.00	"	40.0		92.1	50-150				
Perfluoroundecanoic acid (PFUnA)	45.2	2.00	"	40.0		113	50-150				
Perfluorododecanoic acid (PFDoA)	36.8	2.00	"	40.0		92.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	48.6	2.00	"	40.0		121	50-150				
Perfluorotetradecanoic acid (PFTA)	52.5	2.00	"	40.0		131	50-150				
N-MeFOSAA	43.2	2.00	"	40.0		108	50-150				
N-EtFOSAA	40.9	2.00	"	40.0		102	50-150				
Perfluoropentanoic acid (PFPeA)	85.9	4.00	"	80.0		107	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	32.1	2.00	"	40.0		80.4	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	38.3	1.91	"	38.2		100	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	38.8	1.93	"	38.6		100	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	151	7.60	"	152		99.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	155	7.68	"	154		101	50-150				
Perfluoro-n-butanoic acid (PFBA)	159	8.00	"	160		99.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	122	3.56	"	71.2		171	50-150	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	60.8	4.00	"	80.0		76.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	14.7	4.00	"	80.0		18.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	119	4.00	"	80.0		149	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	42.6	1.88	"	37.6		113	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	163	7.50	"	150		109	50-150				
HFPO-DA (Gen-X)	85.9	8.00	"	80.0		107	50-150				
11CL-PF3OUdS	77.7	7.56	"	75.6		103	50-150				
9CL-PF3ONS	92.8	7.48	"	74.8		124	50-150				
ADONA	66.4	7.56	"	75.6		87.8	50-150				
Perfluorododecanesulfonic acid (PFDoS)	25.6	1.94	"	38.8		66.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	39.9	1.92	"	38.4		104	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	102	5.00	"	160		63.7	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	785	25.0	"	800		98.1	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	646	25.0	"	800		80.7	50-150				
N-MeFOSE	380	20.0	"	400		94.9	50-150				
N-MeFOSA	49.2	2.00	"	40.0		123	50-150				
N-EtFOSE	418	20.0	"	400		104	50-150				
N-EtFOSA	35.3	2.00	"	40.0		88.2	50-150				
Surrogate: M3PFBS	*31.1*		*"*	*23.3*		*133*	*25-150*				
Surrogate: M5PFHxA	*32.9*		*"*	*25.0*		*131*	*25-150*				
Surrogate: M4PFHpA	*30.2*		*"*	*25.0*		*121*	*25-150*				
Surrogate: M3PFHxS	*31.0*		*"*	*23.7*		*131*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*35.7*		*"*	*25.0*		*143*	*25-150*				
Surrogate: M6PFDA	*20.4*		*"*	*12.5*		*163*	*25-150*				
Surrogate: M7PFUdA	*20.4*		*"*	*12.5*		*163*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*17.2*		*"*	*12.5*		*137*	*25-150*				
Surrogate: M2PFTeDA	*13.2*		*"*	*12.5*		*105*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40593 - EPA 1633 Prep											
LCS (BJ40593-BS1) LCS								Prepared: 10/09/2024 Analyzed: 10/11/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.33*		*ng/L*	*100*		*3.33*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*34.5*		*"*	*24.0*		*144*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*40.3*		*"*	*50.0*		*80.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*21.4*		*"*	*25.0*		*85.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*37.0*		*"*	*50.0*		*74.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*41.0*		*"*	*50.0*		*81.9*	*25-150*				
Surrogate: M2-6:2 FTS	*57.6*		*"*	*47.6*		*121*	*25-200*				
Surrogate: M2-8:2 FTS	*82.8*		*"*	*48.0*		*172*	*25-200*				
Surrogate: M9PFNA	*16.8*		*"*	*12.5*		*135*	*25-150*				
Surrogate: M2-4:2 FTS	*30.8*		*"*	*46.9*		*65.6*	*25-150*				
Surrogate: d-N-MeFOSA	*19.2*		*"*	*25.0*		*76.8*	*25-150*				
Surrogate: d-N-EtFOSA	*16.2*		*"*	*25.0*		*64.7*	*25-150*				
Surrogate: M3HFPO-DA	*163*		*"*	*100*		*163*	*25-150*				
Surrogate: d9-N-EtFOSE	*116*		*"*	*250*		*46.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*133*		*"*	*250*		*53.4*	*25-150*				
LCS (BJ40593-BS2) LCS								Prepared: 10/09/2024 Analyzed: 10/11/2024			
Perfluorobutanesulfonic acid (PFBS)	7.50	1.77	ng/L	7.08		106	50-150				
Perfluorohexanoic acid (PFHxA)	9.20	2.00	"	8.00		115	50-150				
Perfluoroheptanoic acid (PFHpA)	9.16	2.00	"	8.00		115	50-150				
Perfluorohexanesulfonic acid (PFHxS)	9.25	1.83	"	7.32		126	50-150				
Perfluorooctanoic acid (PFOA)	7.78	2.00	"	8.00		97.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	7.32	1.86	"	7.44		98.4	50-150				
Perfluorononanoic acid (PFNA)	7.59	2.00	"	8.00		94.8	50-150				
Perfluorodecanoic acid (PFDA)	6.26	2.00	"	8.00		78.2	50-150				
Perfluoroundecanoic acid (PFUnA)	9.21	2.00	"	8.00		115	50-150				
Perfluorododecanoic acid (PFDoA)	8.13	2.00	"	8.00		102	50-150				
Perfluorotridecanoic acid (PFTrDA)	9.75	2.00	"	8.00		122	50-150				
Perfluorotetradecanoic acid (PFTA)	9.13	2.00	"	8.00		114	50-150				
N-MeFOSAA	8.55	2.00	"	8.00		107	50-150				
N-EtFOSAA	8.53	2.00	"	8.00		107	50-150				
Perfluoropentanoic acid (PFPeA)	17.4	4.00	"	16.0		109	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	6.27	2.00	"	8.00		78.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.10	1.91	"	7.64		92.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	7.51	1.93	"	7.72		97.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	34.8	7.60	"	30.4		115	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	33.4	7.68	"	30.7		109	50-150				
Perfluoro-n-butanoic acid (PFBA)	20.8	8.00	"	32.0		65.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	24.6	3.56	"	14.2		173	50-150	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.61	4.00	"	16.0		60.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	3.03	4.00	"	16.0		19.0	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	24.1	4.00	"	16.0		151	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	8.10	1.88	"	7.52		108	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	33.3	7.50	"	30.0		111	50-150				
HFPO-DA (Gen-X)	18.4	8.00	"	16.0		115	50-150				
11CL-PF3OUdS	16.0	7.56	"	15.1		106	50-150				
9CL-PF3ONS	17.6	7.48	"	15.0		118	50-150				
ADONA	13.2	7.56	"	15.1		87.3	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40593 - EPA 1633 Prep											
LCS (BJ40593-BS2) LCS								Prepared: 10/09/2024 Analyzed: 10/11/2024			
Perfluorododecanesulfonic acid (PFDoS)	4.86	1.94	ng/L	7.76		62.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	7.88	1.92	"	7.68		103	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	17.9	5.00	"	32.0		55.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	165	25.0	"	160		103	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	134	25.0	"	160		83.5	50-150				
N-MeFOSE	86.2	20.0	"	80.0		108	50-150				
N-MeFOSA	8.54	2.00	"	8.00		107	50-150				
N-EtFOSE	77.4	20.0	"	80.0		96.7	50-150				
N-EtFOSA	7.96	2.00	"	8.00		99.6	50-150				
Surrogate: M3PFBS	*31.2*		"	*23.3*		*134*	*25-150*				
Surrogate: M5PFHxA	*31.3*		"	*25.0*		*125*	*25-150*				
Surrogate: M4PFHpA	*32.3*		"	*25.0*		*129*	*25-150*				
Surrogate: M3PFHxS	*29.5*		"	*23.7*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.7*		"	*25.0*		*135*	*25-150*				
Surrogate: M6PFDA	*19.9*		"	*12.5*		*159*	*25-150*				
Surrogate: M7PFUdA	*17.9*		"	*12.5*		*144*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.4*		"	*12.5*		*115*	*25-150*				
Surrogate: M2PFTeDA	*11.4*		"	*12.5*		*91.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.62*		"	*100*		*3.62*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*32.8*		"	*24.0*		*137*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*39.9*		"	*50.0*		*79.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*19.7*		"	*25.0*		*79.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*36.0*		"	*50.0*		*72.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*40.5*		"	*50.0*		*81.1*	*25-150*				
Surrogate: M2-6:2 FTS	*46.7*		"	*47.6*		*98.1*	*25-200*				
Surrogate: M2-8:2 FTS	*70.3*		"	*48.0*		*147*	*25-200*				
Surrogate: M9PFNA	*13.8*		"	*12.5*		*110*	*25-150*				
Surrogate: M2-4:2 FTS	*26.8*		"	*46.9*		*57.2*	*25-150*				
Surrogate: d-N-MeFOSA	*18.2*		"	*25.0*		*72.8*	*25-150*				
Surrogate: d-N-EtFOSA	*15.0*		"	*25.0*		*60.2*	*25-150*				
Surrogate: M3HFPO-DA	*165*		"	*100*		*165*	*25-150*				
Surrogate: d9-N-EtFOSE	*102*		"	*250*		*40.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*107*		"	*250*		*42.9*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40570 - EPA SW846-3510C Low Level											
Blank (BJ40570-BLK1) Blank									Prepared: 10/09/2024 Analyzed: 10/10/2024		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.0972*		*"*	*0.200*		*48.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.127*		*"*	*0.200*		*63.5*	*30-150*				
LCS (BJ40570-BS1) LCS									Prepared: 10/09/2024 Analyzed: 10/10/2024		
4,4'-DDD	0.0588	0.00400	ug/L	0.100		58.8	40-140			20	
4,4'-DDE	0.0541	0.00400	"	0.100		54.1	40-140			20	
4,4'-DDT	0.0598	0.00400	"	0.100		59.8	40-140			20	
Aldrin	0.0472	0.00400	"	0.100		47.2	40-140			20	
alpha-BHC	0.0569	0.00400	"	0.100		56.9	40-140			20	
alpha-Chlordane	0.0513	0.00400	"	0.100		51.3	40-140			20	
beta-BHC	0.0795	0.00400	"	0.100		79.5	40-140			20	
delta-BHC	0.0499	0.00400	"	0.100		49.9	40-140			20	
Dieldrin	0.0559	0.00200	"	0.100		55.9	40-140			20	
Endosulfan I	0.0564	0.00400	"	0.100		56.4	40-140			20	
Endosulfan II	0.0624	0.00400	"	0.100		62.4	40-140			20	
Endosulfan sulfate	0.0557	0.00400	"	0.100		55.7	40-140			20	
Endrin	0.0582	0.00400	"	0.100		58.2	40-140			20	
Endrin aldehyde	0.0668	0.0100	"	0.100		66.8	40-140			20	
Endrin ketone	0.0658	0.0100	"	0.100		65.8	40-140			20	
gamma-BHC (Lindane)	0.0593	0.00400	"	0.100		59.3	40-140			20	
gamma-Chlordane	0.0534	0.0100	"	0.100		53.4	40-140			20	
Heptachlor	0.0579	0.00400	"	0.100		57.9	40-140			20	
Heptachlor epoxide	0.0577	0.00400	"	0.100		57.7	40-140			20	
Methoxychlor	0.0669	0.00400	"	0.100		66.9	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0570*		*"*	*0.200*		*28.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.101*		*"*	*0.200*		*50.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40581 - EPA 3550C											
LCS (BJ40581-BS1) LCS							Prepared & Analyzed: 10/09/2024				
4,4'-DDD	0.0179	0.00164	mg/kg wet	0.0332		53.8	40-140				
4,4'-DDE	0.0175	0.00164	"	0.0332		52.6	40-140				
4,4'-DDT	0.0191	0.00164	"	0.0332		57.6	40-140				
Aldrin	0.0173	0.00164	"	0.0332		52.1	40-140				
alpha-BHC	0.0190	0.00164	"	0.0332		57.1	40-140				
alpha-Chlordane	0.0179	0.00164	"	0.0332		53.8	40-140				
beta-BHC	0.0223	0.00164	"	0.0332		67.0	40-140				
delta-BHC	0.0183	0.00164	"	0.0332		55.1	40-140				
Dieldrin	0.0174	0.00164	"	0.0332		52.4	40-140				
Endosulfan I	0.0185	0.00164	"	0.0332		55.7	40-140				
Endosulfan II	0.0194	0.00164	"	0.0332		58.3	40-140				
Endosulfan sulfate	0.0189	0.00164	"	0.0332		57.0	40-140				
Endrin	0.0174	0.00164	"	0.0332		52.4	40-140				
Endrin aldehyde	0.0207	0.00164	"	0.0332		62.4	40-140				
Endrin ketone	0.0203	0.00164	"	0.0332		61.2	40-140				
gamma-BHC (Lindane)	0.0191	0.00164	"	0.0332		57.4	40-140				
gamma-Chlordane	0.0176	0.00164	"	0.0332		53.0	40-140				
Heptachlor	0.0190	0.00164	"	0.0332		57.2	40-140				
Heptachlor epoxide	0.0182	0.00164	"	0.0332		54.8	40-140				
Methoxychlor	0.0225	0.00164	"	0.0332		67.6	40-140				
Surrogate: Decachlorobiphenyl	*0.0299*		*"*	*0.0664*		*44.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0384*		*"*	*0.0664*		*57.8*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40570 - EPA SW846-3510C Low Level											
Blank (BJ40570-BLK2) Blank								Prepared & Analyzed: 10/09/2024			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.151*		"	*0.200*		*75.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.171*		"	*0.200*		*85.5*	*30-150*				
LCS (BJ40570-BS2) LCS								Prepared & Analyzed: 10/09/2024			
Aroclor 1016	0.945	0.0500	ug/L	1.00		94.5	40-120			20	
Aroclor 1260	0.950	0.0500	"	1.00		95.0	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.140*		"	*0.200*		*70.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.156*		"	*0.200*		*78.0*	*30-150*				
LCS Dup (BJ40570-BSD2) LCS Dup								Prepared & Analyzed: 10/09/2024			
Aroclor 1016	0.924	0.0500	ug/L	1.00		92.4	40-120		2.29	20	
Aroclor 1260	0.943	0.0500	"	1.00		94.3	40-120		0.760	20	
Surrogate: Tetrachloro-m-xylene	*0.141*		"	*0.200*		*70.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.226*		"	*0.200*		*113*	*30-150*				
Batch BJ40581 - EPA 3550C											
Blank (BJ40581-BLK2) Blank								Prepared & Analyzed: 10/09/2024			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0583*		"	*0.0667*		*87.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0387*		"	*0.0667*		*58.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40581 - EPA 3550C											
LCS (BJ40581-BS2) LCS							Prepared & Analyzed: 10/09/2024				
Aroclor 1016	0.253	0.0166	mg/kg wet	0.332		76.3	40-130				
Aroclor 1260	0.248	0.0166	"	0.332		74.6	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0478*		*"*	*0.0664*		*72.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0316*		*"*	*0.0664*		*47.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40580 - EPA 3550C/8151A											
Blank (BJ40580-BLK1) Blank									Prepared: 10/09/2024 Analyzed: 10/10/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.394*		*"*	*0.415*		*94.8*	*21-150*				
LCS (BJ40580-BS1) LCS									Prepared: 10/09/2024 Analyzed: 10/10/2024		
2,4,5-T	0.0656	0.0199	mg/kg wet	0.0664		98.7	10-120				
2,4,5-TP (Silvex)	0.0714	0.0199	"	0.0664		108	10-120				
2,4-D	0.0664	0.0199	"	0.0664		100	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.432*		*"*	*0.415*		*104*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40527 - EPA 3050B											
Blank (BJ40527-BLK1) Blank									Prepared: 10/08/2024 Analyzed: 10/10/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BJ40527-DUP1) Duplicate *Source sample: 24J0369-03 (PE63_17)									Prepared: 10/08/2024 Analyzed: 10/10/2024		
Aluminum	8240	4.66	mg/kg dry		8120				1.52	35	
Antimony	ND	2.33	"		ND					35	
Arsenic	3.86	1.40	"		4.96				24.9	35	
Barium	57.6	2.33	"		54.6				5.29	35	
Beryllium	ND	0.047	"		ND					35	
Cadmium	ND	0.280	"		ND					35	
Calcium	892	4.66	"		780				13.4	35	
Chromium	15.1	0.466	"		14.0				7.71	35	
Cobalt	5.35	0.372	"		6.07				12.6	35	
Copper	9.51	1.86	"		10.2				6.49	35	
Iron	9200	23.3	"		8950				2.71	35	
Lead	6.15	0.466	"		5.39				13.2	35	
Magnesium	1900	4.66	"		2140				11.9	35	
Manganese	59.2	0.466	"		54.0				9.11	35	
Nickel	18.5	0.928	"		18.3				1.11	35	
Potassium	503	4.66	"		511				1.52	35	
Selenium	ND	2.33	"		ND					35	
Silver	ND	0.470	"		ND					35	
Sodium	66.3	46.6	"		65.8				0.704	35	
Thallium	ND	2.33	"		ND					35	
Vanadium	17.5	0.928	"		16.1				8.51	35	
Zinc	18.1	2.32	"		17.4				3.50	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40527 - EPA 3050B											
Matrix Spike (BJ40527-MS1) Matrix Spike	*Source sample: 24J0369-03 (PE63_17)							Prepared: 10/08/2024 Analyzed: 10/10/2024			
Aluminum	7630	4.66	mg/kg dry	186	8120	NR	75-125	Low Bias			
Antimony	9.65	2.33	"	23.3	ND	41.4	75-125	Low Bias			
Arsenic	191	1.40	"	186	4.96	99.6	75-125				
Barium	250	2.33	"	186	54.6	105	75-125				
Beryllium	4.75	0.047	"	4.66	ND	102	75-125				
Cadmium	4.71	0.280	"	4.66	ND	101	75-125				
Calcium	883	4.66	"	93.2	780	111	75-125				
Chromium	35.2	0.466	"	18.6	14.0	114	75-125				
Cobalt	53.9	0.372	"	46.6	6.07	103	75-125				
Copper	35.1	1.86	"	23.3	10.2	107	75-125				
Iron	8110	23.3	"	93.2	8950	NR	75-125	Low Bias			
Lead	51.5	0.466	"	46.6	5.39	98.9	75-125				
Magnesium	1870	4.66	"	93.2	2140	NR	75-125	Low Bias			
Manganese	103	0.466	"	46.6	54.0	105	75-125				
Nickel	65.5	0.928	"	46.6	18.3	101	75-125				
Potassium	554	4.66	"	93.2	511	45.8	75-125	Low Bias			
Selenium	186	2.33	"	186	ND	99.7	75-125				
Silver	1.84	0.470	"	4.66	ND	39.4	75-125	Low Bias			
Sodium	150	46.6	"	93.2	65.8	90.6	75-125				
Thallium	176	2.33	"	186	ND	94.2	75-125				
Vanadium	61.9	0.928	"	46.6	16.1	98.3	75-125				
Zinc	61.5	2.32	"	46.6	17.4	94.5	75-125				
Post Spike (BJ40527-PS1) Post Spike	*Source sample: 24J0369-03 (PE63_17)							Prepared: 10/08/2024 Analyzed: 10/10/2024			
Aluminum	88.0		ug/mL	2.00	87.1	46.7	75-125	Low Bias			
Antimony	0.256		"	0.250	0.005	100	75-125				
Arsenic	2.05		"	2.00	0.053	99.9	75-125				
Barium	2.74		"	2.00	0.586	108	75-125				
Beryllium	0.052		"	0.0500	-0.001	103	75-125				
Cadmium	0.050		"	0.0500	0.0005	99.6	75-125				
Calcium	9.42		"	1.00	8.37	105	75-125				
Chromium	0.356		"	0.200	0.150	103	75-125				
Cobalt	0.592		"	0.500	0.065	105	75-125				
Copper	0.393		"	0.250	0.109	114	75-125				
Iron	97.9		"	1.00	96.1	185	75-125	High Bias			
Lead	0.543		"	0.500	0.058	97.0	75-125				
Magnesium	24.0		"	1.00	23.0	100	75-125				
Manganese	1.11		"	0.500	0.579	106	75-125				
Nickel	0.701		"	0.500	0.197	101	75-125				
Potassium	6.30		"	1.00	5.48	81.8	75-125				
Selenium	2.00		"	2.00	-0.004	100	75-125				
Silver	0.017		"	0.0500	-0.034	33.8	75-125	Low Bias			
Sodium	1.71		"	1.00	0.706	100	75-125				
Thallium	1.88		"	2.00	-0.023	93.8	75-125				
Vanadium	0.687		"	0.500	0.173	103	75-125				
Zinc	0.670		"	0.500	0.187	96.6	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40527 - EPA 3050B											
Reference (BJ40527-SRM1) Reference								Prepared: 10/08/2024 Analyzed: 10/10/2024			
Aluminum	6550	4.17	mg/kg wet	7680		85.3	35.7-119				
Antimony	62.1	2.08	"	244		25.5	0-99.5				
Arsenic	240	1.25	"	283		84.9	69.9-101.4				
Barium	287	2.08	"	326		88.1	73.9-107.1				
Beryllium	148	0.042	"	175		84.7	75.4-107.4				
Cadmium	82.4	0.250	"	95.8		86.0	72.3-103.7				
Calcium	5040	4.17	"	5470		92.1	79.5-113.2				
Chromium	211	0.417	"	239		88.2	72.4-106.3				
Cobalt	139	0.333	"	150		92.7	76-107.3				
Copper	210	1.67	"	217		96.6	74.7-105.1				
Iron	6630	20.8	"	7360		90.1	53-127.9				
Lead	189	0.417	"	210		89.8	75.7-109.5				
Magnesium	1870	4.17	"	2080		89.7	67.3-111.1				
Manganese	264	0.417	"	290		91.0	73.4-108.3				
Nickel	295	0.830	"	329		89.7	74.5-106.7				
Potassium	2000	4.17	"	2330		86.0	60.9-111.6				
Selenium	274	2.08	"	281		97.6	77.6-116.7				
Silver	47.0	0.420	"	82.7		56.8	73.7-111.7	Low Bias			
Sodium	391	41.7	"	427		91.6	71.2-118.7				
Thallium	101	2.08	"	123		82.4	70.2-104.8				
Vanadium	166	0.830	"	192		86.5	68.8-107.8				
Zinc	227	2.08	"	260		87.1	72.7-109.2				
Batch BJ40562 - EPA 3015A											
Blank (BJ40562-BLK1) Blank								Prepared & Analyzed: 10/09/2024			
Aluminum	ND	56	ug/L								
Antimony	ND	28	"								
Arsenic	ND	17	"								
Barium	ND	28	"								
Beryllium	1	0.6	"								
Cadmium	ND	3	"								
Calcium	ND	56	"								
Chromium	ND	6	"								
Cobalt	ND	4	"								
Copper	ND	22	"								
Iron	ND	278	"								
Lead	ND	6	"								
Magnesium	ND	56	"								
Manganese	ND	6	"								
Nickel	ND	11	"								
Potassium	ND	56	"								
Selenium	ND	28	"								
Silver	ND	6	"								
Sodium	ND	556	"								
Thallium	ND	28	"								
Vanadium	ND	11	"								
Zinc	ND	28	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40562 - EPA 3015A											
LCS (BJ40562-BS1) LCS								Prepared & Analyzed: 10/09/2024			
Aluminum	1.78		ug/mL	2.00		89.2	80-120				
Antimony	0.281		"	0.250		112	80-120				
Arsenic	1.87		"	2.00		93.5	80-120				
Barium	1.99		"	2.00		99.4	80-120				
Beryllium	0.049		"	0.0500		98.8	80-120				
Cadmium	0.048		"	0.0500		96.4	80-120				
Calcium	0.923		"	1.00		92.3	80-120				
Chromium	0.197		"	0.200		98.4	80-120				
Cobalt	0.498		"	0.500		99.6	80-120				
Copper	0.243		"	0.250		97.2	80-120				
Iron	0.888		"	1.00		88.8	80-120				
Lead	0.482		"	0.500		96.3	80-120				
Magnesium	0.931		"	1.00		93.1	80-120				
Manganese	0.490		"	0.500		98.1	80-120				
Nickel	0.499		"	0.500		99.8	80-120				
Potassium	1.12		"	1.00		112	80-120				
Selenium	1.80		"	2.00		89.8	80-120				
Silver	0.046		"	0.0500		93.0	80-120				
Sodium	2.97		"	1.00		297	80-120	High Bias			
Thallium	1.87		"	2.00		93.4	80-120				
Vanadium	0.479		"	0.500		95.8	80-120				
Zinc	0.493		"	0.500		98.6	80-120				
Batch BJ40606 - EPA 3050B											
Blank (BJ40606-BLK1) Blank								Prepared: 10/09/2024 Analyzed: 10/10/2024			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	0.612	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40606 - EPA 3050B											
Reference (BJ40606-SRM1) Reference									Prepared: 10/09/2024 Analyzed: 10/10/2024		
Aluminum	6400	4.17	mg/kg wet	7680		83.4	35.7-119				
Antimony	59.7	2.08	"	244		24.5	0-99.5				
Arsenic	233	1.25	"	283		82.3	69.9-101.4				
Barium	276	2.08	"	326		84.6	73.9-107.1				
Beryllium	146	0.042	"	175		83.7	75.4-107.4				
Cadmium	79.7	0.250	"	95.8		83.2	72.3-103.7				
Calcium	5020	4.17	"	5470		91.8	79.5-113.2				
Chromium	207	0.417	"	239		86.5	72.4-106.3				
Cobalt	137	0.333	"	150		91.2	76-107.3				
Copper	203	1.67	"	217		93.6	74.7-105.1				
Iron	6360	20.8	"	7360		86.4	53-127.9				
Lead	183	0.417	"	210		87.3	75.7-109.5				
Magnesium	1810	4.17	"	2080		86.9	67.3-111.1				
Manganese	248	0.417	"	290		85.6	73.4-108.3				
Nickel	288	0.830	"	329		87.4	74.5-106.7				
Potassium	1950	4.17	"	2330		83.8	60.9-111.6				
Selenium	264	2.08	"	281		94.0	77.6-116.7				
Silver	74.4	0.420	"	82.7		89.9	73.7-111.7				
Sodium	380	41.7	"	427		89.0	71.2-118.7				
Thallium	97.8	2.08	"	123		79.5	70.2-104.8				
Vanadium	161	0.830	"	192		83.9	68.8-107.8				
Zinc	222	2.08	"	260		85.3	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40411 - EPA SW846-7470A											
Blank (BJ40411-BLK1) Blank								Prepared & Analyzed: 10/07/2024			
Mercury	ND	0.0002	mg/L								
Blank (BJ40411-BLK2) Blank								Prepared & Analyzed: 10/07/2024			
Mercury	ND	0.0002	mg/L								
LCS (BJ40411-BS1) LCS								Prepared & Analyzed: 10/07/2024			
Mercury	0.0021953	0.0002	mg/L	0.00200		110	80-120				
LCS (BJ40411-BS2) LCS								Prepared & Analyzed: 10/07/2024			
Mercury	0.0020864	0.0002	mg/L	0.00200		104	80-120				
Batch BJ40519 - EPA 7473 soil											
Blank (BJ40519-BLK1) Blank								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Mercury	ND	0.0300	mg/kg wet								
Reference (BJ40519-SRM1) Reference								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Mercury	15.311		mg/kg	18.2		84.1	59.9-140.1				
Batch BJ40521 - EPA 7473 soil											
Blank (BJ40521-BLK1) Blank								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Mercury	ND	0.0300	mg/kg wet								
Reference (BJ40521-SRM1) Reference								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Mercury	20.080		mg/kg	18.2		110	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40357 - Analysis Preparation												
Blank (BJ40357-BLK1)	Blank								Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BJ40357-BS1)	LCS								Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		0.490	0.0100	mg/L	0.500		98.0	85-115				
Duplicate (BJ40357-DUP1)	Duplicate	*Source sample: 24J0369-05 (FB_10042024)							Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BJ40357-MS1)	Matrix Spike	*Source sample: 24J0369-05 (FB_10042024)							Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		0.508	0.0100	mg/L	0.500	ND	102	85-115				
Matrix Spike Dup (BJ40357-M	Matrix Spike Dup	*Source sample: 24J0369-05 (FB_10042024)							Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		0.502	0.0100	mg/L	0.500	ND	100	85-115		1.19	200	
Batch BJ40387 - Analysis Preparation Soil												
Blank (BJ40387-BLK1)	Blank								Prepared & Analyzed: 10/07/2024			
Cyanide, total		ND	0.500	mg/kg wet								
Reference (BJ40387-SRM1)	Reference								Prepared & Analyzed: 10/07/2024			
Cyanide, total		55.5		ug/mL	59.7		93.0	38.5-161.4				
Batch BJ40450 - Analysis Preparation												
Blank (BJ40450-BLK1)	Blank								Prepared & Analyzed: 10/07/2024			
Cyanide, total		ND	0.0100	mg/L								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40450 - Analysis Preparation												
LCS (BJ40450-BS1)	LCS								Prepared & Analyzed: 10/07/2024			
Cyanide, total		0.110	0.0100	mg/L	0.100		110	80-120				
Batch BJ40455 - EPA SW846-3060												
Blank (BJ40455-BLK1)	Blank								Prepared & Analyzed: 10/07/2024			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Reference (BJ40455-SRM1)	Reference								Prepared & Analyzed: 10/07/2024			
Chromium, Hexavalent		241		mg/L	227		106	42.3-157.7				
Batch BJ40481 - Analysis Preparation Soil												
Blank (BJ40481-BLK1)	Blank								Prepared & Analyzed: 10/08/2024			
Cyanide, total		ND	0.500	mg/kg wet								
Reference (BJ40481-SRM1)	Reference								Prepared & Analyzed: 10/08/2024			
Cyanide, total		54.6		ug/mL	59.7		91.5	38.5-161.4				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40404 - % Solids Prep											
Duplicate (BJ40404-DUP2) Duplicate	*Source sample: 24J0369-02 (PE54_18)								Prepared & Analyzed: 10/07/2024		
% Solids	89.8	0.100	%		90.3				0.501	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J0369-01	PE46_17.5	40mL Vial with Stir Bar-Cool 4° C
24J0369-02	PE54_18	40mL Vial with Stir Bar-Cool 4° C
24J0369-03	PE63_17	40mL Vial with Stir Bar-Cool 4° C
24J0369-04	PE71_17	40mL Vial with Stir Bar-Cool 4° C
24J0369-05	FB_10042024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24J0369-07	TB_10042024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24J0364

Page 1 of 1

Report To:
Company: LANGAN
Address: 300 Kimball Dr Parsippany, NJ 07054
Phone.: 973-560-4900
Contact: Lauren Kotth
E-mail: lkotth@langan.com

Invoice To:
Company:
Address:
Phone.:
Contact:
E-mail:
SAME

YOUR Project Name / Number: 100688801 12096 Flatlands Ave

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Daniel Horvath

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Turn-Around Time: RUSH - Next Day [ ]; RUSH - Two Day [ ]; RUSH - Three Day [ ]; RUSH - Four Day [ ]; RUSH - Five Day [ ]; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day [ ]

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	PCBs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp. G/C
PE46-17.5	10/4	1200	S	3									1	X	X	X	X	X	X	X	X	X	
PE54-18		1205		3									1										
PE63-17		1210		3									1										
PE71-17		1215		3									1										
FB-10042024		1400	AQ	10	3		1		1														
EB-10042024		1430	AQ	2																	X		
TB-10042024					2									X									

Field Filtered [ ]
Lab Filtered [ ]

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N
Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Daniel Horvath / LANGAN	10/4/24 1405	[illegible]	10/4/24 14:06	[illegible]	10/4/24 16:43
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
YZ	10/4/24 16:43 3.9	YZ	10/4/24 1900	Ramon Duran	10/4/24 1900
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
Ramon Duran	10/4/24	2005		[illegible]	10/4/24 20:05 3.6°C

Lauren Kott

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Friday, November 1, 2024 1:30 PM
To: Lauren Kott
Cc: Amanda Forsburg; Obligado, Andre A (DEC)
Subject: [External] RE: 12096 Flatlands Avenue (C224290) Request to Import - 4,200 CY of EROC Soil

Good Afternoon,

The Department has reviewed the import request of 4200 cubic yards of soil from Evergreen Recycling of Corona, Flushing NY, Solid Waste Management Facility #41W93 dated 10/31/24. Based on the information provided, the request is hereby approved.

The proposed fill material meets the requirements for import of soil as specified in section 5.4(e) of DER-10. Therefore, this material may be used to for general backfill.

Testing in accordance with DER-10 and the Remedial Design Work Plan and approval by the Department is required for any additional material imported from this source.

Thanks,

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov | | |

From: Lauren Kott <lkott@langan.com>
Sent: Thursday, October 31, 2024 10:28 AM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Cc: aforsburg@langan.com
Subject: 12096 Flatlands Avenue (C224290) Request to Import - 4,200 CY of EROC Soil

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Good morning Steven,

Please see the attached Request to Import form for 4,200 cubic yards of soil to be imported from EROC in Flushing, NY to be used for general backfill. The current permit, a facility materials letter, a sample location plan, and laboratory analytical data are included with the submittal.

Can you please review and let us know if this is approved?

Lauren Kott, PE
Project Engineer

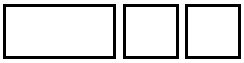
LANGAN

Direct: 973.560.4807
Mobile: 908.752.1870
File Sharing Link

Phone: 973.560.4900 Fax: 973.560.4901
300 Kimball Drive
4th Floor
Parsippany, NJ 07054-2172
www.langan.com

NEW JERSEY NEW YORK CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC
OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA





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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 4,200

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Material consists of approximately 4,200 cubic yards of soil for use as general backfill at the Site.

Six composite samples (Comp01 through Comp06) and 15 grab samples (Grab1 through Grab15) were collected on 23 October 2024 from an approximately 5,000 cubic yard stockpile. The composite samples were analyzed for SVOCs, pesticides, PCBs, metals, and PFAS and the discrete samples were analyzed for VOCs only.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Analytical results are attached. The composite sample from the southwestern portion of the stockpile (Comp03) revealed concentrations of SVOCs above the PGW SCOs and the Restricted-Residential RUSCOs. As such, the southwestern portion of the stockpile (associated with samples Comp03, Grab06, Grab07and Grab08) is excluded from this request to import. No exceedances of the PGW SCOs and the Restricted-Residential RUSCOs were identified in samples collected from the remaining portions of the stockpile.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

United Concrete LLC - Foundation Contractor

Location where fill was obtained:

EROC, 12708 Willets Point Blvd, Flushing, NY 11368

Identification of any state or local approvals as a fill source:

Solid Waste Management Facility #41W93

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Facility letter, solid waste management facility registration, sampling plan, and laboratory analytical results provided

The information provided on this form is accurate and complete.



Signature

10/31/2024

Date

Lauren Kott

Print Name

Langan Engineering

Firm

Evergreen Recycling
Of Corona

127-50 Northern Blvd.Flushing, N.Y. 11368
718-205-8038 Fax 718-205-8202
Yard: 35th ave & Willets Point Blvd.

October 30, 2024

Aldo Malmo
United Concrete, LLC
213 20th street, Suite 1B
Brooklyn, NY 11232

Dear Aldo,

Evergreen Recycling of Corona a New York State Department of Environmental Conservation registration #41W93 plans to supply Clean Fill to 1206 Flatlands Ave, Brooklyn, NY. The material complies with the requirements of 6 NYCRR part 360. The material was not sourced from any environmentally impacted/contaminated properties. This material has not been comingled and is in its own bin.

If there are any questions, please feel free to contact me at any time.

Sincerely,

David Cinquemani
General Manager

47-14-0220 (01/94)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE

REGISTRATION FORM FOR A SOLID WASTE MANAGEMENT FACILITY

Please read and follow all instructions before completing this registration form

Please Type or Print clearly THIS IS NOT A LIPA PERMIT

DEPARTMENT USE ONLY	
DEC REGISTRATION #	4 1 W 9 3
DEC ADMINISTRATION #	
DATE RECEIVED	9/10/98

1. FACILITY NAME AND LOCATION
EVERGREEN RECYCLING OF CORONA
Street: WILLETS POINT BLVD.
City/Village: CORONA MEADOWS YARD
Town: CORONA County: QUEENS
Telephone Number: (718) 446-7000

2. FACILITY OWNER'S NAME
TULLY ENVIRONMENTAL, INC.
Mailing Address: 127-50 NORTHERN BLVD.
City/Town/Village: FLUSHING
State/Zip Code: NEW YORK, 11368
Telephone Number: (718) 446-7000 ex ~~248~~ 297

3. FACILITY OPERATOR'S NAME (if different)
TULLY ENVIRONMENTAL, INC.
Mailing Address: 127-50 NORTHERN BLVD.
City/Town/Village: FLUSHING
State/Zip Code: NEW YORK 11368
Telephone Number: (718) 446-7000 ex 248

4. SITE OWNER'S NAME (if different)
METROPOLITAN TRANSPORATION AUTHORITY
Mailing Address: ~~347 MADISON AVENUE~~
City/Town/Village: NEW YORK
State/Zip Code: NEW YORK 10017-3739
Telephone Number: (212) 878-7048

5. TYPE OF FACILITY REGISTRATION (check all applicable boxes)

- ☐ Energy Recovery Incinerators or Pyrolysis Units [360-5.1(c)]
- ☐ Land Application and Sludge Storage Facilities [360-4.1(c)]
- ☐ Composting and Other Distribution and Marketing Facilities [360-5.3(b)]
- ☐ Land Clearing Debris Landfills three acres or less [360-7.2(a)]
- ☐ Transfer Stations (municipally owned/operated/contracted) receiving less than 50 000 cubic yards or 12,500 tons of household solid waste annually [360-11.1(b)(1)]
- ☐ Transfer Stations (municipally owned/operated/contracted) receiving less than 50 000 cubic yards or 12,500 tons of containerized solid waste annually [360-11.1(b)(2)]
- ☐ Source Separated, Nonputrescible Solid Waste Recyclables Handling and Recovery Facilities [360-12.1(d)]
- ☐ Waste Tire Retreaders [360-13.1(d)(1)(i)]
- ☐ Waste Tires Stored for On-site Energy Recovery [360-13.1(d)(1)(ii)]
- ☐ Tire Dealers Selling Waste Tires [360-13.1(d)(1)(iii)]
- ☐ Tire Manufacturing Facilities [360-13.1(d)(1)(iv)]
- ☒ Processing Facilities Receiving Only Recognizable Uncontaminated Concrete, Asphalt Pavement, Brick, Soil or Rock [360-16.1(d)(1)(i)]
- ☐ Uncontaminated Unadulterated Wood Processing Facilities [360-16.1(d)(1)(ii)]
- ☐ Other Facilities not specifically described above, Specify Type

6. SOLID WASTE HANDLED
a. List wastes and/or materials to be accepted: Concrete, Fill, Virgin Sand, Gravel, Asphalt
b. Quantity (Specify Units - see instructions)
design capacity: 10,000 yards
storage on site: 50,000 yards

7. OPERATIONS SCHEDULE - Normal schedule of operation
Mon-Fri 7am-6pm

8. NAME(S) OF ALL MUNICIPALITIES SERVED

9. CERTIFICATION:
I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits was prepared by me or under my supervision and direction and is true to the best of my knowledge and belief, and that I have the authority as President (title) of Tully Environmental (entity) to sign this registration form pursuant to 6 NYCRR Part 360. By signing this registration form, I affirm that I have read the applicable regulations and will abide by all conditions of the registration requirements. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

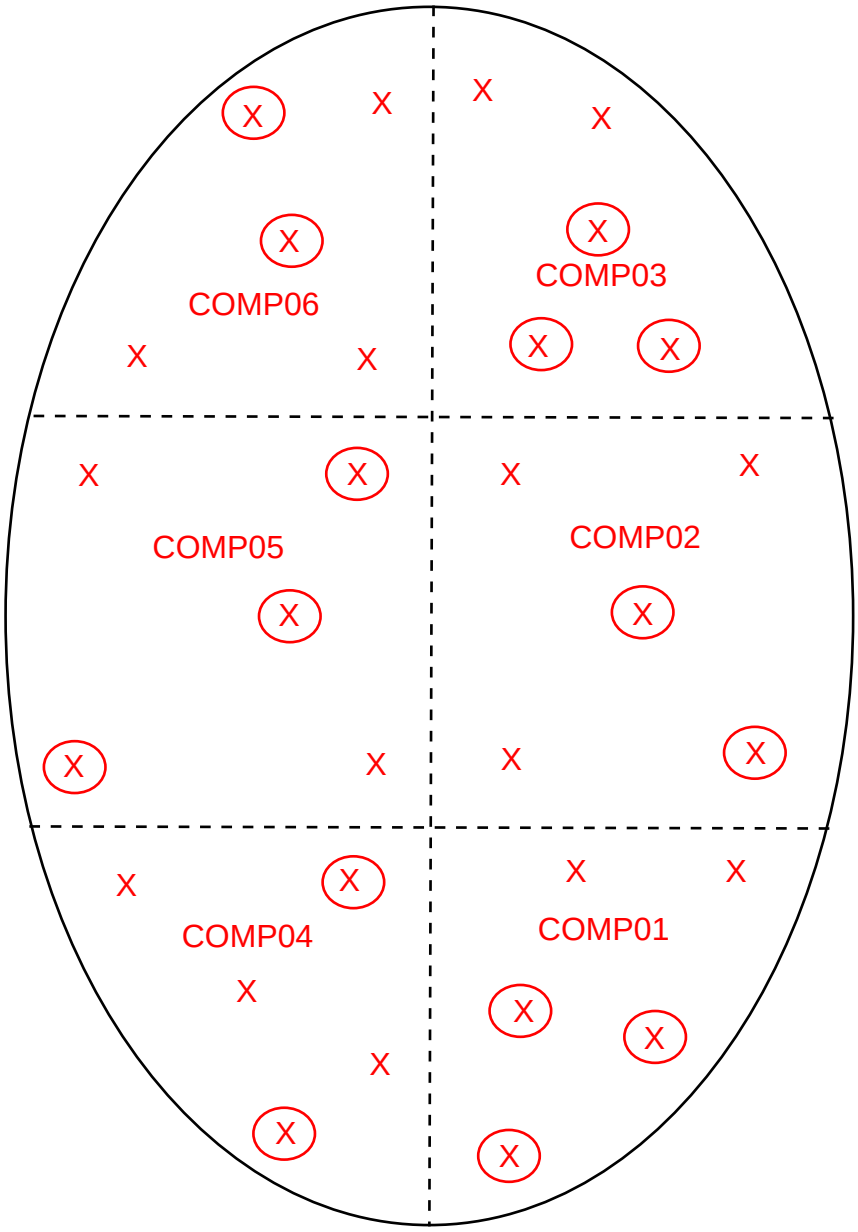
Printed/Typed Name	Signature	Mo.	Day	Year
Peter K. Tully		09	08	98

REGIONAL OFFICE COPY - COPY #1

5,000 CY Stockpile Sampling Location Plan

Facility: EROC, 12708 Willets Point Blvd,
Flushing, NY 11368

North



Legend

- Approximate 5,000 CY Stockpile
- Approximate Composite Sample Division Lines
- X — Grab Sample Location for the Composite Samples
- Discrete VOC Sample Location for the Grab Samples

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 10/28/2024
Client Project ID: 100688804
York Project (SDG) No.: 24J1570

Report Date: 10/28/2024
Client Project ID: 100688804
York Project (SDG) No.: 24J1570

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 23, 2024 and listed below. The project was identified as your project: **100688804**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24J1570-01	Grab01_102324	Soil	10/23/2024	10/23/2024
24J1570-02	Grab02_102324	Soil	10/23/2024	10/23/2024
24J1570-03	Grab03_102324	Soil	10/23/2024	10/23/2024
24J1570-04	Grab04_102324	Soil	10/23/2024	10/23/2024
24J1570-05	Grab05_102324	Soil	10/23/2024	10/23/2024
24J1570-06	Grab06_102324	Soil	10/23/2024	10/23/2024
24J1570-07	Grab07_102324	Soil	10/23/2024	10/23/2024
24J1570-08	Grab08_102324	Soil	10/23/2024	10/23/2024
24J1570-09	Grab09_102324	Soil	10/23/2024	10/23/2024
24J1570-10	Grab10_102324	Soil	10/23/2024	10/23/2024
24J1570-11	Grab11_102324	Soil	10/23/2024	10/23/2024
24J1570-12	Grab12_102324	Soil	10/23/2024	10/23/2024
24J1570-13	Grab13_102324	Soil	10/23/2024	10/23/2024
24J1570-14	Grab14_102324	Soil	10/23/2024	10/23/2024
24J1570-15	Grab15_102324	Soil	10/23/2024	10/23/2024
24J1570-16	Comp01_102324	Soil	10/23/2024	10/23/2024
24J1570-17	Comp02_102324	Soil	10/23/2024	10/23/2024
24J1570-18	Comp03_102324	Soil	10/23/2024	10/23/2024
24J1570-19	Comp04_102324	Soil	10/23/2024	10/23/2024
24J1570-20	Comp05_102324	Soil	10/23/2024	10/23/2024
24J1570-21	Comp06_102324	Soil	10/23/2024	10/23/2024
24J1570-22	TB_102324	Water	10/23/2024	10/23/2024

General Notes for York Project (SDG) No.: 24J1570

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 10/28/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: Grab01_102324 **York Sample ID:** 24J1570-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:20 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab01_102324 **York Sample ID:** 24J1570-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:20 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0052	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab01_102324 **York Sample ID:** 24J1570-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:20 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab01_102324 **York Sample ID:** 24J1570-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:20 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C	10/24/2024 10:07	10/24/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.9**		%	0.100	1	SM 2540G	10/28/2024 14:00	10/28/2024 19:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab02_102324 **York Sample ID:** 24J1570-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:30 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab02_102324 **York Sample ID:** 24J1570-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:30 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0087**	ICVE, J	mg/kg dry	0.0051	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0051	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab02_102324 **York Sample ID:** 24J1570-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:30 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab02_102324 **York Sample ID:** 24J1570-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:30 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C	10/24/2024 10:07	10/24/2024 17:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.0**		%	0.100	1	SM 2540G	10/28/2024 14:00	10/28/2024 19:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab03_102324 **York Sample ID:** 24J1570-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:40 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab03_102324 **York Sample ID:** 24J1570-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:40 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0061**	ICVE, J	mg/kg dry	0.0051	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0051	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab03_102324 **York Sample ID:** 24J1570-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:40 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab03_102324 **York Sample ID:** 24J1570-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:40 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*118 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.1**		%	0.100	1	SM 2540G	10/28/2024 14:00	10/28/2024 19:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab04_102324 **York Sample ID:** 24J1570-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:10 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab04_102324 **York Sample ID:** 24J1570-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:10 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0051	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0051	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab04_102324 **York Sample ID:** 24J1570-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:10 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab04_102324 **York Sample ID:** 24J1570-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:10 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.6**		%	0.100	1	SM 2540G	10/28/2024 14:00	10/28/2024 19:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab05_102324 **York Sample ID:** 24J1570-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:15 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab05_102324 **York Sample ID:** 24J1570-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:15 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0050	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0050	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab05_102324 **York Sample ID:** 24J1570-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:15 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab05_102324 **York Sample ID:** 24J1570-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:15 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	10/24/2024 10:07	10/24/2024 18:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**99.0**		%	0.100	1	SM 2540G	10/28/2024 14:00	10/28/2024 19:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab06_102324 **York Sample ID:** 24J1570-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:50 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab06_102324 **York Sample ID:** 24J1570-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:50 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0051	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0051	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab06_102324 **York Sample ID:** 24J1570-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:50 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab06_102324 **York Sample ID:** 24J1570-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:50 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.8**		%	0.100	1	SM 2540G	10/28/2024 14:00	10/28/2024 19:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab07_102324 **York Sample ID:** 24J1570-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:55 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab07_102324 **York Sample ID:** 24J1570-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:55 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0050	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0050	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab07_102324 **York Sample ID:** 24J1570-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:55 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab07_102324 **York Sample ID:** 24J1570-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:55 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	10/24/2024 10:07	10/24/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**99.0**		%	0.100	1	SM 2540G	10/28/2024 14:00	10/28/2024 19:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab08_102324 **York Sample ID:** 24J1570-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:00 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab08_102324 **York Sample ID:** 24J1570-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:00 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab08_102324 **York Sample ID:** 24J1570-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:00 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab08_102324 **York Sample ID:** 24J1570-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:00 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.3**		%	0.100	1	SM 2540G	10/28/2024 14:00	10/28/2024 19:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab09_102324 **York Sample ID:** 24J1570-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:20 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab09_102324 **York Sample ID:** 24J1570-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:20 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0052	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab09_102324 **York Sample ID:** 24J1570-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:20 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab09_102324 **York Sample ID:** 24J1570-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:20 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.4**		%	0.100	1	SM 2540G	10/28/2024 14:00	10/28/2024 19:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab10_102324 **York Sample ID:** 24J1570-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:25 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab10_102324 **York Sample ID:** 24J1570-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:25 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0052	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab10_102324 **York Sample ID:** 24J1570-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:25 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab10_102324 **York Sample ID:** 24J1570-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:25 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C	10/24/2024 10:07	10/24/2024 20:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.9**		%	0.100	1	SM 2540G	10/28/2024 14:00	10/28/2024 19:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab11_102324 **York Sample ID:** 24J1570-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:45 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab11_102324 **York Sample ID:** 24J1570-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:45 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0053	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab11_102324 **York Sample ID:** 24J1570-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:45 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab11_102324 **York Sample ID:** 24J1570-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:45 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	10/24/2024 09:41	10/25/2024 13:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.6**		%	0.100	1	SM 2540G	10/28/2024 14:00	10/28/2024 19:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab12_102324 **York Sample ID:** 24J1570-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:50 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab12_102324 **York Sample ID:** 24J1570-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:50 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab12_102324 **York Sample ID:** 24J1570-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:50 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab12_102324 **York Sample ID:** 24J1570-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:50 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:03	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.6**		%	0.100	1	SM 2540G	10/28/2024 14:00	10/28/2024 19:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab13_102324 **York Sample ID:** 24J1570-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:55 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab13_102324 **York Sample ID:** 24J1570-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:55 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab13_102324 **York Sample ID:** 24J1570-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:55 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab13_102324 **York Sample ID:** 24J1570-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:55 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.4**		%	0.100	1	SM 2540G	10/28/2024 14:00	10/28/2024 19:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab14_102324 **York Sample ID:** 24J1570-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:15 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab14_102324 **York Sample ID:** 24J1570-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:15 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab14_102324 **York Sample ID:** 24J1570-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:15 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab14_102324 **York Sample ID:** 24J1570-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:15 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	10/24/2024 09:41	10/25/2024 14:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.9 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.9**		%	0.100	1	SM 2540G	10/28/2024 14:00	10/28/2024 19:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grab15_102324 **York Sample ID:** 24J1570-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:20 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab15_102324 **York Sample ID:** 24J1570-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:20 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0053	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Grab15_102324 **York Sample ID:** 24J1570-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:20 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Grab15_102324 **York Sample ID:** 24J1570-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:20 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C	10/24/2024 09:41	10/25/2024 15:19	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.5**		%	0.100	1	SM 2540G	10/28/2024 14:00	10/28/2024 19:38	AC
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Comp01_102324 **York Sample ID:** 24J1570-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:50 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp01_102324 **York Sample ID:** 24J1570-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:50 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.139**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.168	0.336	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.159**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.168	0.336	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.636**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.543**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.582**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.403**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp01_102324 **York Sample ID:** 24J1570-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:50 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	**Benzo(k)fluoranthene**	**0.526**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0442**	J	mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0838	0.167	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.113**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.608**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0844**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**1.13**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp01_102324 **York Sample ID:** 24J1570-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:50 pm	10/23/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.410**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.590**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.950**		mg/kg dry	0.0420	0.0838	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.168	0.336	2	EPA 8270D	10/24/2024 08:48	10/28/2024 11:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*51.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*48.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*48.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.4 %*	*24-116*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.113	0.179	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 18:41	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0537	0.203	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 18:41	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: Comp01_102324 **York Sample ID:** 24J1570-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:50 pm	10/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.106	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.182	0.186	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.246**		ug/kg dry	0.174	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.721**		ug/kg dry	0.169	0.189	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.192	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.194	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.165	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.104	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.150	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.197	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.111	0.406	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.148	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.157	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.194	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.603	0.771	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.766	0.779	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.111	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.141	0.361	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:41	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.196	0.406	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:41	AM

Sample Information

Client Sample ID: Comp01_102324 **York Sample ID:** 24J1570-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:50 pm	10/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0629	0.406	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:41	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0973	0.406	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:41	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.159	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.603	0.761	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.617	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.315	0.767	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.249	0.759	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.176	0.767	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.171	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:41	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.126	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:41	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.643	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:41	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.13	5.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:41	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.52	5.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:41	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.620	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:41	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.183	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:41	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.707	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:41	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:41	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*86.4 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*88.1 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*66.3 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*88.3 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*86.3 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*96.6 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*76.2 %*	*25-150*

Sample Information

Client Sample ID: Comp01_102324 **York Sample ID:** 24J1570-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:50 pm	10/23/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*67.2 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*46.6 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*83.4 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*96.6 %*			*25-150*						
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*78.1 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*66.2 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*81.5 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*92.1 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*74.8 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*80.8 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*88.8 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*105 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*40.7 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*30.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*79.5 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*32.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*41.5 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	**4,4'-DDE**	**0.00616**		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	**4,4'-DDT**	**0.00525**		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	**Aldrin**	**0.0481**		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	**alpha-Chlordane**	**0.0331**		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	**Dieldrin**	**0.0182**		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp01_102324 **York Sample ID:** 24J1570-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:50 pm	10/23/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	**gamma-Chlordane**	**0.0349**		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	**Heptachlor epoxide [2C]**	**0.00180**		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.166	5	EPA 8081B	10/24/2024 15:08	10/25/2024 05:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*34.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0167	1	EPA 8082A	10/24/2024 15:08	10/25/2024 05:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0167	1	EPA 8082A	10/24/2024 15:08	10/25/2024 05:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0167	1	EPA 8082A	10/24/2024 15:08	10/25/2024 05:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0167	1	EPA 8082A	10/24/2024 15:08	10/25/2024 05:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0167	1	EPA 8082A	10/24/2024 15:08	10/25/2024 05:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0167	1	EPA 8082A	10/24/2024 15:08	10/25/2024 05:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp01_102324 **York Sample ID:** 24J1570-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:50 pm	10/23/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0167	1	EPA 8082A	10/24/2024 15:08	10/25/2024 05:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0167	1	EPA 8082A	10/24/2024 15:08	10/25/2024 05:51	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9280**		mg/kg dry	4.24	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.12	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.92**		mg/kg dry	1.27	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**84.8**		mg/kg dry	2.12	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.333**		mg/kg dry	0.043	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.255	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**6260**		mg/kg dry	4.24	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**19.2**		mg/kg dry	0.425	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.69**		mg/kg dry	0.339	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**42.9**		mg/kg dry	1.70	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15100**		mg/kg dry	21.2	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**109**		mg/kg dry	0.425	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3000**		mg/kg dry	4.25	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**291**		mg/kg dry	0.425	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.9**		mg/kg dry	0.845	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp01_102324 **York Sample ID:** 24J1570-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 12:50 pm	10/23/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1110**		mg/kg dry	4.25	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.12	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.428	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**261**		mg/kg dry	42.4	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.12	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**26.2**		mg/kg dry	0.845	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**90.8**		mg/kg dry	2.11	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.193**		mg/kg dry	0.0305	1	EPA 7473	10/25/2024 13:15	10/26/2024 14:40	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.2**		%	0.100	1	SM 2540G	10/24/2024 08:51	10/24/2024 14:02	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Comp02_102324 **York Sample ID:** 24J1570-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:20 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp02_102324 **York Sample ID:** 24J1570-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:20 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.0594**	J	mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.0495**	J	mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.177	0.355	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.221**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.355	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.642**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.505**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.515**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.387**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp02_102324 **York Sample ID:** 24J1570-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:20 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	**Benzo(k)fluoranthene**	**0.512**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0495**	J	mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.0814**	J	mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.643**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0587**	J	mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	**Dibenzofuran**	**0.0538**	J	mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**1.09**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0771**	J	mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp02_102324 **York Sample ID:** 24J1570-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:20 pm	10/23/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.364**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0757**	J	mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.747**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**1.32**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.355	2	EPA 8270D	10/24/2024 08:48	10/25/2024 15:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.4 %*	*24-116*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.187	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 18:57	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0573**	J	ug/kg dry	0.0559	0.211	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 18:57	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: Comp02_102324 **York Sample ID:** 24J1570-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:20 pm	10/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.181	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.438**		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.199	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.201	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.205	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.627	0.801	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.796	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.375	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:57	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.204	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:57	AM

Sample Information

Client Sample ID: Comp02_102324 **York Sample ID:** 24J1570-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:20 pm	10/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0654	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:57	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:57	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.627	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.641	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.328	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.259	0.789	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.183	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.178	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:57	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 18:57	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.669	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:57	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.21	5.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:57	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.58	5.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:57	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.644	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:57	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.190	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:57	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.735	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:57	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 18:57	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*87.9 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*96.3 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*79.6 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*88.2 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*106 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*89.3 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*78.9 %*	*25-150*

Sample Information

Client Sample ID: Comp02_102324 **York Sample ID:** 24J1570-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:20 pm	10/23/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*62.0 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*39.9 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*93.7 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.8 %*			*25-150*						
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*85.9 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*67.2 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*81.8 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*85.9 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*76.9 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*76.8 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*87.3 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*104 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*35.0 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*29.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*84.2 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*28.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*38.0 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	**4,4'-DDE**	**0.00466**		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	**4,4'-DDT**	**0.00548**		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	**Aldrin**	**0.00456**		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	**alpha-Chlordane**	**0.0225**		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	**Dieldrin**	**0.00296**		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp02_102324 **York Sample ID:** 24J1570-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:20 pm	10/23/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	**gamma-Chlordane**	**0.0239**		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	**Heptachlor epoxide [2C]**	**0.00212**		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:07	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*31.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp02_102324 **York Sample ID:** 24J1570-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:20 pm	10/23/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:04	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*38.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9150**		mg/kg dry	4.44	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.22	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.54**		mg/kg dry	1.33	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**102**		mg/kg dry	2.22	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.427**		mg/kg dry	0.045	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.266	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**5310**		mg/kg dry	4.44	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**19.0**		mg/kg dry	0.444	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**8.32**		mg/kg dry	0.355	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**31.9**		mg/kg dry	1.78	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**16600**		mg/kg dry	22.2	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**106**		mg/kg dry	0.444	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2470**		mg/kg dry	4.44	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**787**		mg/kg dry	0.444	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.1**		mg/kg dry	0.884	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp02_102324 **York Sample ID:** 24J1570-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 1:20 pm	10/23/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**990**		mg/kg dry	4.44	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.22	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.447	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**178**		mg/kg dry	44.4	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.22	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**28.4**		mg/kg dry	0.884	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**87.2**		mg/kg dry	2.21	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.238**		mg/kg dry	0.0320	1	EPA 7473	10/24/2024 13:49	10/25/2024 14:08	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.9**		%	0.100	1	SM 2540G	10/24/2024 08:51	10/24/2024 14:02	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Comp03_102324 **York Sample ID:** 24J1570-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:05 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp03_102324 **York Sample ID:** 24J1570-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:05 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.0604**	J	mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.0675**	J	mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.352	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.316**		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.352	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**1.14**		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.856**		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.910**		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.630**		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp03_102324 **York Sample ID:** 24J1570-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:05 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	**Benzo(k)fluoranthene**	**0.858**		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0478**	J	mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0879	0.176	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.125**		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**1.07**		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.141**		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	**Dibenzofuran**	**0.0759**	J	mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**2.11**		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp03_102324 **York Sample ID:** 24J1570-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:05 pm	10/23/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.644**		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**1.25**		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**1.83**		mg/kg dry	0.0441	0.0879	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.352	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*51.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.1 %*	*24-116*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.186	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0557	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: Comp03_102324 **York Sample ID:** 24J1570-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:05 pm	10/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.188	0.192	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.218**		ug/kg dry	0.181	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.855**		ug/kg dry	0.175	0.195	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.199	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.201	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.171	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.131	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.204	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.420	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.153	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.625	0.799	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.793	0.807	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.841	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.146	0.374	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.203	0.420	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:13	AM
								Certifications: NELAC-NH2097			

Sample Information

Client Sample ID: Comp03_102324 **York Sample ID:** 24J1570-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:05 pm	10/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0651	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:13	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:13	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.165	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:13	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.625	0.788	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:13	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.639	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:13	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.327	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:13	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.258	0.786	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:13	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.183	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:13	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.178	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:13	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.130	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:13	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.666	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:13	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.20	5.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:13	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.58	5.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:13	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.642	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:13	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:13	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.732	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:13	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:13	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*83.6 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*86.6 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*64.0 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*89.2 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*114 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*95.7 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*75.1 %*	*25-150*

Sample Information

Client Sample ID: Comp03_102324 **York Sample ID:** 24J1570-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:05 pm	10/23/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*58.0 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*43.9 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*90.1 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*104 %*			*25-150*						
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*84.1 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*77.5 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*84.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*96.6 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*76.6 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*81.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*83.1 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.4 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*38.5 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*36.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*84.2 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*42.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*52.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	**4,4'-DDE**	**0.00483**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	**4,4'-DDT**	**0.00414**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	**Aldrin**	**0.0142**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	**alpha-Chlordane**	**0.0245**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	**Dieldrin**	**0.00663**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp03_102324 **York Sample ID:** 24J1570-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:05 pm	10/23/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	**gamma-Chlordane**	**0.0260**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide [2C]	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 06:24	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*27.6 %*	S-08, S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.2 %*		*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp03_102324 **York Sample ID:** 24J1570-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:05 pm	10/23/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:18	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*34.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9240**		mg/kg dry	4.42	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.21	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.04**		mg/kg dry	1.33	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**117**		mg/kg dry	2.21	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.395**		mg/kg dry	0.045	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.416**		mg/kg dry	0.265	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**9600**		mg/kg dry	4.42	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**21.7**		mg/kg dry	0.443	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.78**		mg/kg dry	0.353	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**47.6**		mg/kg dry	1.77	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15500**		mg/kg dry	22.1	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**258**		mg/kg dry	0.443	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3160**		mg/kg dry	4.43	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**280**		mg/kg dry	0.443	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**17.0**		mg/kg dry	0.881	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp03_102324 **York Sample ID:** 24J1570-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:05 pm	10/23/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1040**		mg/kg dry	4.43	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.21	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.446	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**186**		mg/kg dry	44.2	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.21	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**25.5**		mg/kg dry	0.881	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**162**		mg/kg dry	2.20	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.259**		mg/kg dry	0.0318	1	EPA 7473	10/24/2024 13:49	10/25/2024 14:08	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.2**		%	0.100	1	SM 2540G	10/24/2024 08:51	10/24/2024 14:02	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Comp04_102324 **York Sample ID:** 24J1570-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:30 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp04_102324 **York Sample ID:** 24J1570-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:30 pm	10/23/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.351	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.0924**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.351	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.463**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.414**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.461**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.306**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp04_102324 **York Sample ID:** 24J1570-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:30 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	**Benzo(k)fluoranthene**	**0.431**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.478**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0651**	J	mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.657**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp04_102324 **York Sample ID:** 24J1570-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:30 pm	10/23/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.300**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.652**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.351	2	EPA 8270D	10/24/2024 08:48	10/28/2024 12:31	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*55.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*53.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.3 %*	*24-116*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.187	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0561	0.212	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: Comp04_102324 **York Sample ID:** 24J1570-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:30 pm	10/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.212	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.194	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.182	0.212	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.656**		ug/kg dry	0.177	0.197	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.200	0.212	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.202	0.212	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.212	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.212	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.212	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.212	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.205	0.212	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.423	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.212	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.630	0.804	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.799	0.813	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.847	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.377	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.204	0.423	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:29	AM
								Certifications: NELAC-NH2097			

Sample Information

Client Sample ID: Comp04_102324 **York Sample ID:** 24J1570-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:30 pm	10/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0656	0.423	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:29	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.423	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:29	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:29	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.630	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:29	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.644	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:29	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.329	0.800	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:29	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.260	0.792	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:29	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.184	0.800	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:29	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.179	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:29	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:29	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.671	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:29	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.22	5.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:29	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.59	5.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:29	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.647	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:29	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:29	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.738	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:29	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:29	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*84.6 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*97.0 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*81.0 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*87.9 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*104 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*125 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*105 %*	*25-150*

Sample Information

Client Sample ID: Comp04_102324 **York Sample ID:** 24J1570-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:30 pm	10/23/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*85.6 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*64.6 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*95.1 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*			*25-150*						
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*93.5 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*76.7 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*89.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*103 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*76.1 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*81.9 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*96.3 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*95.6 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*44.3 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*38.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*88.2 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*44.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*51.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	**4,4'-DDE**	**0.00212**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	**4,4'-DDT**	**0.00257**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	**Aldrin**	**0.00603**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	**alpha-Chlordane**	**0.0238**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp04_102324 **York Sample ID:** 24J1570-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:30 pm	10/23/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	**gamma-Chlordane**	**0.0256**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	**Heptachlor**	**0.00353**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide [2C]	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:18	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*34.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp04_102324 **York Sample ID:** 24J1570-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:30 pm	10/23/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:32	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*38.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7940**		mg/kg dry	4.42	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.21	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.48**		mg/kg dry	1.33	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**88.8**		mg/kg dry	2.21	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.338**		mg/kg dry	0.045	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.265	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**9820**		mg/kg dry	4.42	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.9**		mg/kg dry	0.442	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.28**		mg/kg dry	0.353	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**28.8**		mg/kg dry	1.77	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**16400**		mg/kg dry	22.1	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**113**		mg/kg dry	0.442	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3660**		mg/kg dry	4.42	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**297**		mg/kg dry	0.442	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.1**		mg/kg dry	0.880	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp04_102324 **York Sample ID:** 24J1570-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 2:30 pm	10/23/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1080**		mg/kg dry	4.42	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.21	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.445	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**227**		mg/kg dry	44.2	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.21	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**22.2**		mg/kg dry	0.880	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**97.7**		mg/kg dry	2.20	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.264**		mg/kg dry	0.0318	1	EPA 7473	10/24/2024 13:49	10/25/2024 14:08	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.3**		%	0.100	1	SM 2540G	10/24/2024 08:51	10/24/2024 14:02	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Comp05_102324 **York Sample ID:** 24J1570-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:00 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp05_102324 **York Sample ID:** 24J1570-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:00 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.0496**	J	mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.141**		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.138**		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.136**		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.106**		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp05_102324 **York Sample ID:** 24J1570-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:00 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	**Benzo(k)fluoranthene**	**0.117**		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.143**		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.268**		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp05_102324 **York Sample ID:** 24J1570-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:00 pm	10/23/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0986**		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.186**		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.255**		mg/kg dry	0.0438	0.0875	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*49.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*47.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*52.8 %*	*24-116*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.187	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0559	0.211	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: Comp05_102324 **York Sample ID:** 24J1570-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:00 pm	10/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.211	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.193	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.181	0.211	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.389**		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.199	0.211	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.201	0.211	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.211	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.211	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.211	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.205	0.211	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.422	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.211	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.211	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	0.204	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.628	0.802	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.796	0.810	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.844	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.376	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.204	0.422	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 19:45	AM
								Certifications: NELAC-NH2097			

Sample Information

Client Sample ID: Comp05_102324 **York Sample ID:** 24J1570-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:00 pm	10/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0654	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:45	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:45	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:45	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.628	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:45	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.641	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:45	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.328	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:45	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.259	0.789	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:45	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.184	0.797	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:45	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.178	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:45	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 19:45	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.669	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:45	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.21	5.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:45	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.58	5.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:45	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.645	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:45	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.190	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:45	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.735	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:45	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 19:45	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*89.9 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*99.8 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*74.6 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*98.4 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*92.1 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*106 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*87.8 %*	*25-150*

Sample Information

Client Sample ID: Comp05_102324 **York Sample ID:** 24J1570-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:00 pm	10/23/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*76.4 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*55.4 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*99.8 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.9 %*			*25-150*						
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*91.2 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*69.0 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*87.1 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*100 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*79.7 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*84.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*99.7 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*106 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*40.5 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*32.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*93.4 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*40.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*47.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE [2C]	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	**4,4'-DDT**	**0.00233**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	**Aldrin**	**0.0223**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	**alpha-Chlordane**	**0.0244**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	**Dieldrin**	**0.00563**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp05_102324 **York Sample ID:** 24J1570-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:00 pm	10/23/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	**gamma-Chlordane**	**0.0273**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	**Heptachlor**	**0.00241**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	**Heptachlor epoxide [2C]**	**0.00189**		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.171	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:35	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*31.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.3 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp05_102324 **York Sample ID:** 24J1570-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:00 pm	10/23/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:45	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8270**		mg/kg dry	4.41	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.21	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.00**		mg/kg dry	1.32	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**57.1**		mg/kg dry	2.20	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.311**		mg/kg dry	0.044	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.265	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**5890**		mg/kg dry	4.41	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**17.3**		mg/kg dry	0.442	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**7.09**		mg/kg dry	0.353	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**22.4**		mg/kg dry	1.77	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**14400**		mg/kg dry	22.1	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**126**		mg/kg dry	0.442	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2410**		mg/kg dry	4.42	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**300**		mg/kg dry	0.442	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.6**		mg/kg dry	0.879	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp05_102324 **York Sample ID:** 24J1570-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:00 pm	10/23/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1030**		mg/kg dry	4.42	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.21	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.445	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**266**		mg/kg dry	44.1	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.21	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**26.8**		mg/kg dry	0.879	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**67.9**		mg/kg dry	2.20	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.216**		mg/kg dry	0.0318	1	EPA 7473	10/24/2024 13:49	10/25/2024 14:08	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.4**		%	0.100	1	SM 2540G	10/24/2024 08:51	10/24/2024 14:02	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Comp06_102324 **York Sample ID:** 24J1570-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:25 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp06_102324 **York Sample ID:** 24J1570-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:25 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.351	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.351	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.146**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.144**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.144**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.106**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp06_102324 **York Sample ID:** 24J1570-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:25 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	**Benzo(k)fluoranthene**	**0.127**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.151**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.291**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp06_102324 **York Sample ID:** 24J1570-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:25 pm	10/23/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.107**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.135**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.257**		mg/kg dry	0.0439	0.0876	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.351	2	EPA 8270D	10/24/2024 08:48	10/28/2024 13:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*57.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*56.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.1 %*	*24-116*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.116	0.186	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0556	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: Comp06_102324 **York Sample ID:** 24J1570-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:25 pm	10/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.188	0.192	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.180	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.442**		ug/kg dry	0.175	0.195	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.198	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.200	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.171	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.131	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.155	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.203	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.114	0.420	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.153	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.210	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.200	0.202	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.624	0.797	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.792	0.805	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.114	0.839	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.146	0.373	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.202	0.420	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 20:02	AM
								Certifications: NELAC-NH2097			

Sample Information

Client Sample ID: Comp06_102324 **York Sample ID:** 24J1570-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:25 pm	10/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0650	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 20:02	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 20:02	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.165	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 20:02	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.624	0.787	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 20:02	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.638	0.839	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 20:02	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.326	0.793	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 20:02	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.258	0.784	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 20:02	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.182	0.793	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 20:02	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.177	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 20:02	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.130	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 20:02	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.665	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 20:02	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.20	5.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 20:02	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.57	5.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 20:02	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.641	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 20:02	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 20:02	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.731	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 20:02	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 20:02	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*91.5 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*95.2 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*75.3 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*89.5 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*108 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*91.1 %*	*25-150*

Sample Information

Client Sample ID: Comp06_102324 **York Sample ID:** 24J1570-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:25 pm	10/23/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*73.4 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*47.8 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*97.7 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*98.0 %*			*25-150*						
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*87.1 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*70.4 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*88.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*96.4 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*77.3 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*87.2 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*80.0 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*103 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*37.5 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*33.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*87.4 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*31.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*42.8 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE [2C]	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	**4,4'-DDT**	**0.00253**		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	**Aldrin**	**0.0711**		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	**alpha-Chlordane**	**0.0246**		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	**Dieldrin**	**0.0117**		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp06_102324 **York Sample ID:** 24J1570-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:25 pm	10/23/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	**gamma-Chlordane**	**0.0247**		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	**Heptachlor epoxide [2C]**	**0.00262**		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.172	5	EPA 8081B	10/24/2024 15:08	10/25/2024 07:52	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*32.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.4 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp06_102324 **York Sample ID:** 24J1570-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:25 pm	10/23/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	10/24/2024 15:08	10/25/2024 06:59	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9580**		mg/kg dry	4.45	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.22	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.07**		mg/kg dry	1.33	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**61.4**		mg/kg dry	2.22	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.343**		mg/kg dry	0.045	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.267	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**4880**		mg/kg dry	4.45	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**21.4**		mg/kg dry	0.445	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.98**		mg/kg dry	0.356	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**23.2**		mg/kg dry	1.78	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**17700**		mg/kg dry	22.2	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**55.8**		mg/kg dry	0.445	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2830**		mg/kg dry	4.45	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**307**		mg/kg dry	0.445	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**19.6**		mg/kg dry	0.886	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Comp06_102324 **York Sample ID:** 24J1570-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Soil	October 23, 2024 3:25 pm	10/23/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1070**		mg/kg dry	4.45	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.22	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.448	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**272**		mg/kg dry	44.5	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.22	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**25.0**		mg/kg dry	0.886	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**67.7**		mg/kg dry	2.22	1	EPA 6010D	10/25/2024 07:40	10/25/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.130**		mg/kg dry	0.0320	1	EPA 7473	10/24/2024 13:49	10/25/2024 14:08	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.7**		%	0.100	1	SM 2540G	10/24/2024 08:51	10/24/2024 14:02	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TB_102324 **York Sample ID:** 24J1570-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Water	October 23, 2024 3:25 pm	10/23/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_102324 **York Sample ID:** 24J1570-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Water	October 23, 2024 3:25 pm	10/23/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	ug/L	0.447	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**0.850**		ug/L	0.422	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_102324 **York Sample ID:** 24J1570-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Water	October 23, 2024 3:25 pm	10/23/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_102324 **York Sample ID:** 24J1570-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1570	100688804	Water	October 23, 2024 3:25 pm	10/23/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/24/2024 12:00	10/24/2024 18:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*80.5 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*116 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.3 %*	*70-130*

Analytical Batch Summary

Batch ID: BJ41633 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24J1570-16	Comp01_102324	10/24/24
24J1570-17	Comp02_102324	10/24/24
24J1570-18	Comp03_102324	10/24/24
24J1570-19	Comp04_102324	10/24/24
24J1570-20	Comp05_102324	10/24/24
24J1570-21	Comp06_102324	10/24/24
BJ41633-BLK1	Blank	10/24/24
BJ41633-BS1	LCS	10/24/24
BJ41633-MS1	Matrix Spike	10/24/24
BJ41633-MSD1	Matrix Spike Dup	10/24/24

Batch ID: BJ41637 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J1570-16	Comp01_102324	10/24/24
24J1570-17	Comp02_102324	10/24/24
24J1570-18	Comp03_102324	10/24/24
24J1570-19	Comp04_102324	10/24/24
24J1570-20	Comp05_102324	10/24/24
24J1570-21	Comp06_102324	10/24/24

Batch ID: BJ41660 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24J1570-16	Comp01_102324	10/24/24
24J1570-17	Comp02_102324	10/24/24
24J1570-18	Comp03_102324	10/24/24
24J1570-19	Comp04_102324	10/24/24
24J1570-20	Comp05_102324	10/24/24
24J1570-21	Comp06_102324	10/24/24
BJ41660-BLK1	Blank	10/24/24
BJ41660-BS1	LCS	10/24/24
BJ41660-BS2	LCS	10/24/24

Batch ID: BJ41664 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J1570-17	Comp02_102324	10/24/24
24J1570-18	Comp03_102324	10/24/24
24J1570-19	Comp04_102324	10/24/24
24J1570-20	Comp05_102324	10/24/24
24J1570-21	Comp06_102324	10/24/24
BJ41664-BLK1	Blank	10/24/24
BJ41664-SRM1	Reference	10/24/24

Batch ID: BJ41685 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J1570-16	Comp01_102324	10/24/24
24J1570-16	Comp01_102324	10/24/24
24J1570-17	Comp02_102324	10/24/24
24J1570-17	Comp02_102324	10/24/24
24J1570-18	Comp03_102324	10/24/24
24J1570-18	Comp03_102324	10/24/24
24J1570-19	Comp04_102324	10/24/24
24J1570-19	Comp04_102324	10/24/24
24J1570-20	Comp05_102324	10/24/24
24J1570-20	Comp05_102324	10/24/24
24J1570-21	Comp06_102324	10/24/24
24J1570-21	Comp06_102324	10/24/24
BJ41685-BLK1	Blank	10/24/24
BJ41685-BLK2	Blank	10/24/24
BJ41685-BS1	LCS	10/24/24
BJ41685-BS2	LCS	10/24/24
BJ41685-MS1	Matrix Spike	10/24/24
BJ41685-MS2	Matrix Spike	10/24/24
BJ41685-MSD1	Matrix Spike Dup	10/24/24
BJ41685-MSD2	Matrix Spike Dup	10/24/24

Batch ID: BJ41709 **Preparation Method:** EPA 3050B **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24J1570-16	Comp01_102324	10/25/24
24J1570-17	Comp02_102324	10/25/24
24J1570-18	Comp03_102324	10/25/24
24J1570-19	Comp04_102324	10/25/24
24J1570-20	Comp05_102324	10/25/24
24J1570-21	Comp06_102324	10/25/24
BJ41709-BLK1	Blank	10/25/24
BJ41709-SRM1	Reference	10/25/24

Batch ID: BJ41758 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24J1570-01	Grab01_102324	10/24/24
24J1570-02	Grab02_102324	10/24/24
24J1570-03	Grab03_102324	10/24/24
24J1570-04	Grab04_102324	10/24/24
24J1570-05	Grab05_102324	10/24/24
24J1570-06	Grab06_102324	10/24/24
24J1570-07	Grab07_102324	10/24/24
24J1570-08	Grab08_102324	10/24/24
24J1570-09	Grab09_102324	10/24/24
24J1570-10	Grab10_102324	10/24/24

BJ41758-BLK1	Blank	10/24/24
BJ41758-BS1	LCS	10/24/24
BJ41758-BSD1	LCS Dup	10/24/24

Batch ID: BJ41766 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J1570-16	Comp01_102324	10/25/24
BJ41766-BLK1	Blank	10/25/24
BJ41766-SRM1	Reference	10/25/24

Batch ID: BJ41916 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24J1570-11	Grab11_102324	10/24/24
24J1570-12	Grab12_102324	10/24/24
24J1570-13	Grab13_102324	10/24/24
24J1570-14	Grab14_102324	10/24/24
24J1570-15	Grab15_102324	10/24/24
BJ41916-BLK1	Blank	10/24/24
BJ41916-BS1	LCS	10/24/24
BJ41916-BSD1	LCS Dup	10/24/24

Batch ID: BJ41917 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24J1570-22	TB_102324	10/24/24
BJ41917-BLK1	Blank	10/24/24
BJ41917-BS1	LCS	10/24/24
BJ41917-BSD1	LCS Dup	10/24/24

Batch ID: BJ41923 **Preparation Method:** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24J1570-01	Grab01_102324	10/28/24
24J1570-02	Grab02_102324	10/28/24
24J1570-03	Grab03_102324	10/28/24
24J1570-04	Grab04_102324	10/28/24
24J1570-05	Grab05_102324	10/28/24
24J1570-06	Grab06_102324	10/28/24
24J1570-07	Grab07_102324	10/28/24
24J1570-08	Grab08_102324	10/28/24
24J1570-09	Grab09_102324	10/28/24
24J1570-10	Grab10_102324	10/28/24
24J1570-11	Grab11_102324	10/28/24
24J1570-12	Grab12_102324	10/28/24
24J1570-13	Grab13_102324	10/28/24
24J1570-14	Grab14_102324	10/28/24
24J1570-15	Grab15_102324	10/28/24

BJ41923-DUP1	Duplicate	10/28/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41758 - EPA 5035A											
Blank (BJ41758-BLK1) Blank									Prepared & Analyzed: 10/24/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41758 - EPA 5035A											
Blank (BJ41758-BLK1) Blank								Prepared & Analyzed: 10/24/2024			
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.6*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.1*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*76-130*				
LCS (BJ41758-BS1) LCS								Prepared & Analyzed: 10/24/2024			
1,1,1,2-Tetrachloroethane	49.5		ug/L	50.0		99.1	75-129			30	
1,1,1-Trichloroethane	46.4		"	50.0		92.7	70-130			30	
1,1,2,2-Tetrachloroethane	45.3		"	50.0		90.6	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.0		"	50.0		96.0	70-130			30	
1,1,2-Trichloroethane	48.1		"	50.0		96.3	70-130			30	
1,1-Dichloroethane	46.2		"	50.0		92.3	70-130			30	
1,1-Dichloroethylene	47.0		"	50.0		94.1	70-130			30	
1,1-Dichloropropylene	48.2		"	50.0		96.3	77-127			30	
1,2,3-Trichlorobenzene	49.8		"	50.0		99.6	70-130			30	
1,2,3-Trichloropropane	48.5		"	50.0		97.0	81-126			30	
1,2,4-Trichlorobenzene	51.2		"	50.0		102	70-130			30	
1,2,4-Trimethylbenzene	48.9		"	50.0		97.7	84-125			30	
1,2-Dibromo-3-chloropropane	49.9		"	50.0		99.9	40-160			30	
1,2-Dibromoethane	48.2		"	50.0		96.3	70-130			30	
1,2-Dichlorobenzene	48.8		"	50.0		97.6	70-130			30	
1,2-Dichloroethane	48.3		"	50.0		96.6	70-130			30	
1,2-Dichloropropane	49.1		"	50.0		98.2	70-130			30	
1,3,5-Trimethylbenzene	46.6		"	50.0		93.1	82-126			30	
1,3-Dichlorobenzene	46.7		"	50.0		93.3	70-130			30	
1,3-Dichloropropane	49.5		"	50.0		98.9	83-123			30	
1,4-Dichlorobenzene	47.0		"	50.0		94.1	70-130			30	
1,4-Dioxane	848		"	1050		80.8	40-160			30	
2,2-Dichloropropane	58.2		"	50.0		116	67-136			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41758 - EPA 5035A											
LCS (BJ41758-BS1) LCS								Prepared & Analyzed: 10/24/2024			
2-Butanone	44.1		ug/L	50.0		88.2	40-160			30	
2-Chlorotoluene	46.2		"	50.0		92.3	78-127			30	
2-Hexanone	51.3		"	50.0		103	40-160			30	
4-Chlorotoluene	46.8		"	50.0		93.5	79-125			30	
4-Methyl-2-pentanone	38.8		"	50.0		77.7	40-160			30	
Acetone	25.6		"	50.0		51.2	40-160			30	
Acrolein	1.80		"	50.0		3.60	10-238	Low Bias		30	
Acrylonitrile	50.2		"	50.0		100	66-141			30	
Benzene	48.1		"	50.0		96.2	70-130			30	
Bromobenzene	46.3		"	50.0		92.5	77-129			30	
Bromochloromethane	49.3		"	50.0		98.6	70-130			30	
Bromodichloromethane	49.6		"	50.0		99.3	70-130			30	
Bromoform	52.8		"	50.0		106	70-130			30	
Bromomethane	31.8		"	50.0		63.5	40-160			30	
Carbon disulfide	46.6		"	50.0		93.2	40-160			30	
Carbon tetrachloride	47.5		"	50.0		95.1	70-130			30	
Chlorobenzene	47.8		"	50.0		95.6	70-130			30	
Chloroethane	42.8		"	50.0		85.6	51-142			30	
Chloroform	46.6		"	50.0		93.2	70-130			30	
Chloromethane	47.8		"	50.0		95.7	49-132			30	
cis-1,2-Dichloroethylene	48.7		"	50.0		97.4	70-130			30	
cis-1,3-Dichloropropylene	52.1		"	50.0		104	70-130			30	
Cyclohexane	48.2		"	50.0		96.3	70-130			30	
Dibromochloromethane	48.2		"	50.0		96.5	70-130			30	
Dibromomethane	46.1		"	50.0		92.3	83-124			30	
Dichlorodifluoromethane	33.9		"	50.0		67.7	40-160			30	
Ethyl Benzene	50.2		"	50.0		100	70-130			30	
Hexachlorobutadiene	49.6		"	50.0		99.1	83-133			30	
Isopropylbenzene	49.1		"	50.0		98.3	70-130			30	
Methyl acetate	44.7		"	50.0		89.5	70-130			30	
Methyl tert-butyl ether (MTBE)	53.9		"	50.0		108	70-130			30	
Methylcyclohexane	45.6		"	50.0		91.3	70-130			30	
Methylene chloride	46.8		"	50.0		93.7	70-130			30	
n-Butylbenzene	50.7		"	50.0		101	80-130			30	
n-Propylbenzene	45.5		"	50.0		90.9	74-136			30	
o-Xylene	49.3		"	50.0		98.5	70-130			30	
p- & m- Xylenes	97.4		"	100		97.4	70-130			30	
p-Isopropyltoluene	51.7		"	50.0		103	85-125			30	
sec-Butylbenzene	48.3		"	50.0		96.6	83-125			30	
Styrene	51.7		"	50.0		103	70-130			30	
tert-Butyl alcohol (TBA)	282		"	250		113	70-130			30	
tert-Butylbenzene	42.8		"	50.0		85.6	80-127			30	
Tetrachloroethylene	42.4		"	50.0		84.7	70-130			30	
Toluene	48.1		"	50.0		96.2	70-130			30	
trans-1,2-Dichloroethylene	47.8		"	50.0		95.6	70-130			30	
trans-1,3-Dichloropropylene	55.4		"	50.0		111	70-130			30	
Trichloroethylene	47.0		"	50.0		93.9	70-130			30	
Trichlorofluoromethane	44.2		"	50.0		88.3	40-160			30	
Vinyl Chloride	48.0		"	50.0		96.0	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41758 - EPA 5035A											
LCS (BJ41758-BS1) LCS								Prepared & Analyzed: 10/24/2024			
Surrogate: SURR: p-Bromofluorobenzene	*47.9*		*ug/L*	*50.0*		*95.9*	*76-130*				
LCS Dup (BJ41758-BSD1) LCS Dup								Prepared & Analyzed: 10/24/2024			
1,1,1,2-Tetrachloroethane	49.6		ug/L	50.0		99.1	75-129		0.0202	30	
1,1,1-Trichloroethane	47.2		"	50.0		94.3	70-130		1.71	30	
1,1,2,2-Tetrachloroethane	51.2		"	50.0		102	70-130		12.2	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.5		"	50.0		95.0	70-130		1.13	30	
1,1,2-Trichloroethane	47.7		"	50.0		95.4	70-130		0.918	30	
1,1-Dichloroethane	47.6		"	50.0		95.3	70-130		3.13	30	
1,1-Dichloroethylene	48.2		"	50.0		96.3	70-130		2.37	30	
1,1-Dichloropropylene	49.4		"	50.0		98.7	77-127		2.50	30	
1,2,3-Trichlorobenzene	52.3		"	50.0		105	70-130		4.99	30	
1,2,3-Trichloropropane	48.7		"	50.0		97.3	81-126		0.329	30	
1,2,4-Trichlorobenzene	54.1		"	50.0		108	70-130		5.52	30	
1,2,4-Trimethylbenzene	51.3		"	50.0		103	84-125		4.89	30	
1,2-Dibromo-3-chloropropane	51.4		"	50.0		103	40-160		3.00	30	
1,2-Dibromoethane	49.5		"	50.0		99.0	70-130		2.74	30	
1,2-Dichlorobenzene	49.8		"	50.0		99.7	70-130		2.05	30	
1,2-Dichloroethane	49.5		"	50.0		99.1	70-130		2.47	30	
1,2-Dichloropropane	49.5		"	50.0		98.9	70-130		0.690	30	
1,3,5-Trimethylbenzene	49.8		"	50.0		99.7	82-126		6.78	30	
1,3-Dichlorobenzene	49.2		"	50.0		98.5	70-130		5.34	30	
1,3-Dichloropropane	50.1		"	50.0		100	83-123		1.33	30	
1,4-Dichlorobenzene	48.5		"	50.0		97.1	70-130		3.14	30	
1,4-Dioxane	814		"	1050		77.5	40-160		4.09	30	
2,2-Dichloropropane	59.8		"	50.0		120	67-136		2.68	30	
2-Butanone	45.4		"	50.0		90.8	40-160		2.86	30	
2-Chlorotoluene	49.2		"	50.0		98.5	78-127		6.48	30	
2-Hexanone	50.3		"	50.0		101	40-160		1.85	30	
4-Chlorotoluene	50.4		"	50.0		101	79-125		7.45	30	
4-Methyl-2-pentanone	38.4		"	50.0		76.8	40-160		1.22	30	
Acetone	26.2		"	50.0		52.4	40-160		2.24	30	
Acrolein	1.93		"	50.0		3.86	10-238	Low Bias	6.97	30	
Acrylonitrile	50.5		"	50.0		101	66-141		0.615	30	
Benzene	49.2		"	50.0		98.4	70-130		2.28	30	
Bromobenzene	50.9		"	50.0		102	77-129		9.45	30	
Bromochloromethane	50.7		"	50.0		101	70-130		2.82	30	
Bromodichloromethane	48.5		"	50.0		97.0	70-130		2.30	30	
Bromoform	49.6		"	50.0		99.2	70-130		6.29	30	
Bromomethane	34.0		"	50.0		68.1	40-160		6.99	30	
Carbon disulfide	48.8		"	50.0		97.6	40-160		4.55	30	
Carbon tetrachloride	48.0		"	50.0		96.1	70-130		1.09	30	
Chlorobenzene	48.2		"	50.0		96.4	70-130		0.792	30	
Chloroethane	43.8		"	50.0		87.6	51-142		2.33	30	
Chloroform	47.7		"	50.0		95.4	70-130		2.29	30	
Chloromethane	49.4		"	50.0		98.7	49-132		3.13	30	
cis-1,2-Dichloroethylene	50.1		"	50.0		100	70-130		2.77	30	
cis-1,3-Dichloropropylene	50.7		"	50.0		101	70-130		2.70	30	
Cyclohexane	49.4		"	50.0		98.8	70-130		2.54	30	
Dibromochloromethane	50.6		"	50.0		101	70-130		4.89	30	
Dibromomethane	45.9		"	50.0		91.9	83-124		0.434	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41758 - EPA 5035A											
LCS Dup (BJ41758-BSD1) LCS Dup								Prepared & Analyzed: 10/24/2024			
Dichlorodifluoromethane	33.6		ug/L	50.0		67.3	40-160		0.652	30	
Ethyl Benzene	49.7		"	50.0		99.4	70-130		0.881	30	
Hexachlorobutadiene	52.3		"	50.0		105	83-133		5.32	30	
Isopropylbenzene	50.5		"	50.0		101	70-130		2.79	30	
Methyl acetate	45.9		"	50.0		91.8	70-130		2.60	30	
Methyl tert-butyl ether (MTBE)	55.2		"	50.0		110	70-130		2.49	30	
Methylcyclohexane	45.2		"	50.0		90.4	70-130		0.991	30	
Methylene chloride	47.7		"	50.0		95.5	70-130		1.90	30	
n-Butylbenzene	50.7		"	50.0		101	80-130		0.0394	30	
n-Propylbenzene	50.5		"	50.0		101	74-136		10.5	30	
o-Xylene	48.8		"	50.0		97.6	70-130		0.897	30	
p- & m- Xylenes	96.8		"	100		96.8	70-130		0.515	30	
p-Isopropyltoluene	53.4		"	50.0		107	85-125		3.35	30	
sec-Butylbenzene	52.1		"	50.0		104	83-125		7.59	30	
Styrene	51.1		"	50.0		102	70-130		1.23	30	
tert-Butyl alcohol (TBA)	289		"	250		115	70-130		2.36	30	
tert-Butylbenzene	44.2		"	50.0		88.3	80-127		3.15	30	
Tetrachloroethylene	44.9		"	50.0		89.8	70-130		5.80	30	
Toluene	47.7		"	50.0		95.3	70-130		0.856	30	
trans-1,2-Dichloroethylene	49.1		"	50.0		98.2	70-130		2.77	30	
trans-1,3-Dichloropropylene	55.0		"	50.0		110	70-130		0.652	30	
Trichloroethylene	46.4		"	50.0		92.9	70-130		1.09	30	
Trichlorofluoromethane	44.3		"	50.0		88.5	40-160		0.226	30	
Vinyl Chloride	48.7		"	50.0		97.4	70-130		1.37	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41916 - EPA 5035A											
Blank (BJ41916-BLK1) Blank									Prepared: 10/24/2024 Analyzed: 10/25/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41916 - EPA 5035A											
Blank (BJ41916-BLK1) Blank									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*56.4*		*ug/L*	*50.0*		*113*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				
LCS (BJ41916-BS1) LCS									Prepared: 10/24/2024 Analyzed: 10/25/2024		
1,1,1,2-Tetrachloroethane	47.9		ug/L	50.0		95.9	75-129			30	
1,1,1-Trichloroethane	46.6		"	50.0		93.2	70-130			30	
1,1,2,2-Tetrachloroethane	51.4		"	50.0		103	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.2		"	50.0		94.4	70-130			30	
1,1,2-Trichloroethane	46.1		"	50.0		92.2	70-130			30	
1,1-Dichloroethane	47.0		"	50.0		94.0	70-130			30	
1,1-Dichloroethylene	50.3		"	50.0		101	70-130			30	
1,1-Dichloropropylene	49.0		"	50.0		98.0	77-127			30	
1,2,3-Trichlorobenzene	51.8		"	50.0		104	70-130			30	
1,2,3-Trichloropropane	50.1		"	50.0		100	81-126			30	
1,2,4-Trichlorobenzene	53.6		"	50.0		107	70-130			30	
1,2,4-Trimethylbenzene	50.8		"	50.0		102	84-125			30	
1,2-Dibromo-3-chloropropane	53.1		"	50.0		106	40-160			30	
1,2-Dibromoethane	47.8		"	50.0		95.7	70-130			30	
1,2-Dichlorobenzene	49.0		"	50.0		97.9	70-130			30	
1,2-Dichloroethane	49.1		"	50.0		98.2	70-130			30	
1,2-Dichloropropane	47.5		"	50.0		95.0	70-130			30	
1,3,5-Trimethylbenzene	50.1		"	50.0		100	82-126			30	
1,3-Dichlorobenzene	48.7		"	50.0		97.3	70-130			30	
1,3-Dichloropropane	47.8		"	50.0		95.7	83-123			30	
1,4-Dichlorobenzene	48.4		"	50.0		96.9	70-130			30	
1,4-Dioxane	865		"	1050		82.4	40-160			30	
2,2-Dichloropropane	56.7		"	50.0		113	67-136			30	
2-Butanone	47.5		"	50.0		95.0	40-160			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41916 - EPA 5035A											
LCS (BJ41916-BS1) LCS								Prepared: 10/24/2024 Analyzed: 10/25/2024			
2-Chlorotoluene	49.4		ug/L	50.0		98.9	78-127			30	
2-Hexanone	50.2		"	50.0		100	40-160			30	
4-Chlorotoluene	50.4		"	50.0		101	79-125			30	
4-Methyl-2-pentanone	37.8		"	50.0		75.6	40-160			30	
Acetone	30.7		"	50.0		61.4	40-160			30	
Acrolein	2.66		"	50.0		5.32	10-238	Low Bias		30	
Acrylonitrile	52.3		"	50.0		105	66-141			30	
Benzene	48.8		"	50.0		97.5	70-130			30	
Bromobenzene	51.1		"	50.0		102	77-129			30	
Bromochloromethane	49.9		"	50.0		99.9	70-130			30	
Bromodichloromethane	47.3		"	50.0		94.6	70-130			30	
Bromoform	47.2		"	50.0		94.5	70-130			30	
Bromomethane	29.2		"	50.0		58.4	40-160			30	
Carbon disulfide	48.4		"	50.0		96.7	40-160			30	
Carbon tetrachloride	48.4		"	50.0		96.7	70-130			30	
Chlorobenzene	47.0		"	50.0		93.9	70-130			30	
Chloroethane	43.0		"	50.0		86.0	51-142			30	
Chloroform	47.0		"	50.0		94.0	70-130			30	
Chloromethane	46.8		"	50.0		93.6	49-132			30	
cis-1,2-Dichloroethylene	49.0		"	50.0		98.0	70-130			30	
cis-1,3-Dichloropropylene	49.7		"	50.0		99.5	70-130			30	
Cyclohexane	49.0		"	50.0		98.1	70-130			30	
Dibromochloromethane	48.8		"	50.0		97.6	70-130			30	
Dibromomethane	44.6		"	50.0		89.2	83-124			30	
Dichlorodifluoromethane	31.5		"	50.0		63.0	40-160			30	
Ethyl Benzene	48.5		"	50.0		96.9	70-130			30	
Hexachlorobutadiene	52.7		"	50.0		105	83-133			30	
Isopropylbenzene	50.8		"	50.0		102	70-130			30	
Methyl acetate	46.8		"	50.0		93.6	70-130			30	
Methyl tert-butyl ether (MTBE)	51.2		"	50.0		102	70-130			30	
Methylcyclohexane	44.0		"	50.0		88.0	70-130			30	
Methylene chloride	47.4		"	50.0		94.8	70-130			30	
n-Butylbenzene	52.2		"	50.0		104	80-130			30	
n-Propylbenzene	50.7		"	50.0		101	74-136			30	
o-Xylene	47.6		"	50.0		95.1	70-130			30	
p- & m- Xylenes	94.5		"	100		94.5	70-130			30	
p-Isopropyltoluene	52.5		"	50.0		105	85-125			30	
sec-Butylbenzene	51.0		"	50.0		102	83-125			30	
Styrene	49.7		"	50.0		99.4	70-130			30	
tert-Butyl alcohol (TBA)	280		"	250		112	70-130			30	
tert-Butylbenzene	44.2		"	50.0		88.4	80-127			30	
Tetrachloroethylene	41.9		"	50.0		83.8	70-130			30	
Toluene	46.6		"	50.0		93.2	70-130			30	
trans-1,2-Dichloroethylene	49.0		"	50.0		98.1	70-130			30	
trans-1,3-Dichloropropylene	52.9		"	50.0		106	70-130			30	
Trichloroethylene	45.7		"	50.0		91.3	70-130			30	
Trichlorofluoromethane	45.7		"	50.0		91.3	40-160			30	
Vinyl Chloride	46.8		"	50.0		93.6	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.2*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41916 - EPA 5035A											
LCS (BJ41916-BS1) LCS									Prepared: 10/24/2024 Analyzed: 10/25/2024		
LCS Dup (BJ41916-BSD1) LCS Dup									Prepared: 10/24/2024 Analyzed: 10/25/2024		
1,1,1,2-Tetrachloroethane	56.8		ug/L	50.0		114	75-129		16.9	30	
1,1,1-Trichloroethane	48.0		"	50.0		96.0	70-130		2.94	30	
1,1,2,2-Tetrachloroethane	47.2		"	50.0		94.4	70-130		8.64	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.9		"	50.0		93.7	70-130		0.659	30	
1,1,2-Trichloroethane	49.6		"	50.0		99.1	70-130		7.26	30	
1,1-Dichloroethane	47.8		"	50.0		95.5	70-130		1.67	30	
1,1-Dichloroethylene	50.9		"	50.0		102	70-130		1.17	30	
1,1-Dichloropropylene	49.7		"	50.0		99.5	77-127		1.52	30	
1,2,3-Trichlorobenzene	56.6		"	50.0		113	70-130		8.82	30	
1,2,3-Trichloropropane	53.3		"	50.0		107	81-126		6.09	30	
1,2,4-Trichlorobenzene	58.7		"	50.0		117	70-130		9.10	30	
1,2,4-Trimethylbenzene	52.2		"	50.0		104	84-125		2.64	30	
1,2-Dibromo-3-chloropropane	56.1		"	50.0		112	40-160		5.58	30	
1,2-Dibromoethane	51.5		"	50.0		103	70-130		7.45	30	
1,2-Dichlorobenzene	50.3		"	50.0		101	70-130		2.62	30	
1,2-Dichloroethane	49.8		"	50.0		99.7	70-130		1.54	30	
1,2-Dichloropropane	55.3		"	50.0		111	70-130		15.1	30	
1,3,5-Trimethylbenzene	49.7		"	50.0		99.4	82-126		0.742	30	
1,3-Dichlorobenzene	49.4		"	50.0		98.8	70-130		1.49	30	
1,3-Dichloropropane	48.6		"	50.0		97.2	83-123		1.53	30	
1,4-Dichlorobenzene	49.5		"	50.0		99.0	70-130		2.19	30	
1,4-Dioxane	1020		"	1050		97.4	40-160		16.7	30	
2,2-Dichloropropane	57.9		"	50.0		116	67-136		2.23	30	
2-Butanone	47.8		"	50.0		95.5	40-160		0.504	30	
2-Chlorotoluene	49.0		"	50.0		98.0	78-127		0.894	30	
2-Hexanone	46.2		"	50.0		92.4	40-160		8.24	30	
4-Chlorotoluene	50.1		"	50.0		100	79-125		0.558	30	
4-Methyl-2-pentanone	43.9		"	50.0		87.8	40-160		14.9	30	
Acetone	31.0		"	50.0		61.9	40-160		0.876	30	
Acrolein	2.87		"	50.0		5.74	10-238	Low Bias	7.59	30	
Acrylonitrile	54.7		"	50.0		109	66-141		4.56	30	
Benzene	49.4		"	50.0		98.7	70-130		1.22	30	
Bromobenzene	49.3		"	50.0		98.5	77-129		3.63	30	
Bromochloromethane	51.2		"	50.0		102	70-130		2.41	30	
Bromodichloromethane	54.3		"	50.0		109	70-130		13.8	30	
Bromoform	59.4		"	50.0		119	70-130		22.8	30	
Bromomethane	30.6		"	50.0		61.2	40-160		4.71	30	
Carbon disulfide	48.7		"	50.0		97.4	40-160		0.762	30	
Carbon tetrachloride	49.1		"	50.0		98.3	70-130		1.58	30	
Chlorobenzene	48.5		"	50.0		96.9	70-130		3.17	30	
Chloroethane	45.6		"	50.0		91.3	51-142		6.03	30	
Chloroform	47.8		"	50.0		95.5	70-130		1.62	30	
Chloromethane	48.8		"	50.0		97.6	49-132		4.20	30	
cis-1,2-Dichloroethylene	50.4		"	50.0		101	70-130		2.84	30	
cis-1,3-Dichloropropylene	57.1		"	50.0		114	70-130		13.8	30	
Cyclohexane	49.8		"	50.0		99.5	70-130		1.48	30	
Dibromochloromethane	57.5		"	50.0		115	70-130		16.4	30	
Dibromomethane	51.3		"	50.0		103	83-124		13.9	30	
Dichlorodifluoromethane	31.2		"	50.0		62.5	40-160		0.861	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41916 - EPA 5035A											
LCS Dup (BJ41916-BSD1) LCS Dup									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Ethyl Benzene	51.4		ug/L	50.0		103	70-130		5.77	30	
Hexachlorobutadiene	64.4		"	50.0		129	83-133		20.1	30	
Isopropylbenzene	51.1		"	50.0		102	70-130		0.471	30	
Methyl acetate	48.6		"	50.0		97.2	70-130		3.77	30	
Methyl tert-butyl ether (MTBE)	53.5		"	50.0		107	70-130		4.41	30	
Methylcyclohexane	50.7		"	50.0		101	70-130		14.2	30	
Methylene chloride	48.4		"	50.0		96.8	70-130		2.09	30	
n-Butylbenzene	50.8		"	50.0		102	80-130		2.68	30	
n-Propylbenzene	48.7		"	50.0		97.3	74-136		4.15	30	
o-Xylene	51.6		"	50.0		103	70-130		8.21	30	
p- & m- Xylenes	101		"	100		101	70-130		6.65	30	
p-Isopropyltoluene	54.4		"	50.0		109	85-125		3.52	30	
sec-Butylbenzene	50.8		"	50.0		102	83-125		0.530	30	
Styrene	50.9		"	50.0		102	70-130		2.37	30	
tert-Butyl alcohol (TBA)	302		"	250		121	70-130		7.68	30	
tert-Butylbenzene	45.8		"	50.0		91.6	80-127		3.49	30	
Tetrachloroethylene	48.8		"	50.0		97.5	70-130		15.2	30	
Toluene	47.9		"	50.0		95.9	70-130		2.77	30	
trans-1,2-Dichloroethylene	49.9		"	50.0		99.7	70-130		1.68	30	
trans-1,3-Dichloropropylene	57.7		"	50.0		115	70-130		8.71	30	
Trichloroethylene	53.0		"	50.0		106	70-130		14.9	30	
Trichlorofluoromethane	45.0		"	50.0		89.9	40-160		1.59	30	
Vinyl Chloride	47.9		"	50.0		95.7	70-130		2.24	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*"*	*50.0*		*97.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*54.8*		*"*	*50.0*		*110*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41917 - EPA 5030B											
Blank (BJ41917-BLK1) Blank									Prepared & Analyzed: 10/24/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	0.380	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41917 - EPA 5030B											
Blank (BJ41917-BLK1) Blank								Prepared & Analyzed: 10/24/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.94*		*"*	*10.0*		*89.4*	*70-130*				
Surrogate: SURR: Toluene-d8	*11.2*		*"*	*10.0*		*112*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*8.88*		*"*	*10.0*		*88.8*	*70-130*				
LCS (BJ41917-BS1) LCS								Prepared & Analyzed: 10/24/2024			
1,1,1,2-Tetrachloroethane	12.0		ug/L	10.0		120	82-126			30	
1,1,1-Trichloroethane	11.4		"	10.0		114	70-130			20	
1,1,2,2-Tetrachloroethane	9.96		"	10.0		99.6	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	70-130			20	
1,1,2-Trichloroethane	10.4		"	10.0		104	70-130			20	
1,1-Dichloroethane	11.1		"	10.0		111	70-130			20	
1,1-Dichloroethylene	12.4		"	10.0		124	70-130			20	
1,1-Dichloropropylene	11.9		"	10.0		119	83-133			30	
1,2,3-Trichlorobenzene	7.84		"	10.0		78.4	70-130			20	
1,2,3-Trichloropropane	9.67		"	10.0		96.7	77-128			30	
1,2,4-Trichlorobenzene	8.24		"	10.0		82.4	70-130			20	
1,2,4-Trimethylbenzene	11.2		"	10.0		112	82-132			20	
1,2-Dibromo-3-chloropropane	9.79		"	10.0		97.9	40-160			20	
1,2-Dibromoethane	10.2		"	10.0		102	70-130			20	
1,2-Dichlorobenzene	10.4		"	10.0		104	70-130			20	
1,2-Dichloroethane	9.65		"	10.0		96.5	70-130			20	
1,2-Dichloropropane	12.6		"	10.0		126	70-130			20	
1,3,5-Trimethylbenzene	11.7		"	10.0		117	80-131			30	
1,3-Dichlorobenzene	10.4		"	10.0		104	70-130			20	
1,3-Dichloropropane	10.9		"	10.0		109	81-125			30	
1,4-Dichlorobenzene	10.2		"	10.0		102	70-130			20	
1,4-Dioxane	171		"	210		81.6	40-160			20	
2,2-Dichloropropane	12.3		"	10.0		123	56-150			30	
2-Butanone	9.47		"	10.0		94.7	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41917 - EPA 5030B											
LCS (BJ41917-BS1) LCS								Prepared & Analyzed: 10/24/2024			
2-Chlorotoluene	11.4		ug/L	10.0		114	79-130			30	
2-Hexanone	9.00		"	10.0		90.0	40-160			20	
4-Chlorotoluene	11.7		"	10.0		117	79-128			30	
4-Methyl-2-pentanone	8.11		"	10.0		81.1	40-160			20	
Acetone	9.26		"	10.0		92.6	40-160			20	
Acrolein	0.910		"	10.0		9.10	10-153	Low Bias		30	
Acrylonitrile	8.82		"	10.0		88.2	51-150			30	
Benzene	11.6		"	10.0		116	70-130			20	
Bromobenzene	11.2		"	10.0		112	78-129			30	
Bromochloromethane	10.1		"	10.0		101	70-130			20	
Bromodichloromethane	11.8		"	10.0		118	70-130			20	
Bromoform	7.55		"	10.0		75.5	70-130			20	
Bromomethane	10.5		"	10.0		105	40-160			20	
Carbon disulfide	12.3		"	10.0		123	40-160			20	
Carbon tetrachloride	11.9		"	10.0		119	70-130			20	
Chlorobenzene	11.8		"	10.0		118	70-130			20	
Chloroethane	11.6		"	10.0		116	40-160			20	
Chloroform	10.6		"	10.0		106	70-130			20	
Chloromethane	11.2		"	10.0		112	40-160			20	
cis-1,2-Dichloroethylene	11.3		"	10.0		113	70-130			20	
cis-1,3-Dichloropropylene	11.2		"	10.0		112	70-130			20	
Cyclohexane	5.78		"	10.0		57.8	70-130	Low Bias		20	
Dibromochloromethane	9.03		"	10.0		90.3	70-130			20	
Dibromomethane	10.2		"	10.0		102	72-134			30	
Dichlorodifluoromethane	9.09		"	10.0		90.9	40-160			20	
Ethyl Benzene	13.7		"	10.0		137	70-130	High Bias		20	
Hexachlorobutadiene	6.79		"	10.0		67.9	67-146			30	
Isopropylbenzene	12.7		"	10.0		127	70-130			20	
Methyl acetate	8.45		"	10.0		84.5	70-130			20	
Methyl tert-butyl ether (MTBE)	8.42		"	10.0		84.2	70-130			20	
Methylcyclohexane	12.2		"	10.0		122	70-130			20	
Methylene chloride	10.5		"	10.0		105	70-130			20	
n-Butylbenzene	9.90		"	10.0		99.0	79-132			30	
n-Propylbenzene	12.3		"	10.0		123	78-133			30	
o-Xylene	12.4		"	10.0		124	70-130			20	
p- & m- Xylenes	26.6		"	20.0		133	70-130	High Bias		20	
p-Isopropyltoluene	11.0		"	10.0		110	81-136			30	
sec-Butylbenzene	10.7		"	10.0		107	79-137			30	
Styrene	12.5		"	10.0		125	70-130			20	
tert-Butyl alcohol (TBA)	28.1		"	50.0		56.3	25-162			30	
tert-Butylbenzene	9.92		"	10.0		99.2	77-138			30	
Tetrachloroethylene	12.4		"	10.0		124	70-130			20	
Toluene	13.3		"	10.0		133	70-130	High Bias		20	
trans-1,2-Dichloroethylene	11.9		"	10.0		119	70-130			20	
trans-1,3-Dichloropropylene	11.1		"	10.0		111	70-130			20	
Trichloroethylene	13.2		"	10.0		132	70-130	High Bias		20	
Trichlorofluoromethane	11.8		"	10.0		118	40-160			20	
Vinyl Chloride	11.4		"	10.0		114	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*7.53*		*"*	*10.0*		*75.3*	*70-130*				
Surrogate: SURR: Toluene-d8	*11.4*		*"*	*10.0*		*114*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.15*		*"*	*10.0*		*91.5*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41917 - EPA 5030B											
LCS (BJ41917-BS1) LCS								Prepared & Analyzed: 10/24/2024			
LCS Dup (BJ41917-BSD1) LCS Dup								Prepared & Analyzed: 10/24/2024			
1,1,1,2-Tetrachloroethane	11.6		ug/L	10.0		116	82-126		3.13	30	
1,1,1-Trichloroethane	10.8		"	10.0		108	70-130		5.30	20	
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	70-130		9.92	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	70-130		6.01	20	
1,1,2-Trichloroethane	11.2		"	10.0		112	70-130		6.57	20	
1,1-Dichloroethane	10.8		"	10.0		108	70-130		2.64	20	
1,1-Dichloroethylene	11.5		"	10.0		115	70-130		8.12	20	
1,1-Dichloropropylene	11.3		"	10.0		113	83-133		5.43	30	
1,2,3-Trichlorobenzene	8.99		"	10.0		89.9	70-130		13.7	20	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		7.94	30	
1,2,4-Trichlorobenzene	8.87		"	10.0		88.7	70-130		7.36	20	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132		10.3	20	
1,2-Dibromo-3-chloropropane	10.8		"	10.0		108	40-160		9.44	20	
1,2-Dibromoethane	10.9		"	10.0		109	70-130		6.61	20	
1,2-Dichlorobenzene	10.1		"	10.0		101	70-130		2.92	20	
1,2-Dichloroethane	10.7		"	10.0		107	70-130		10.3	20	
1,2-Dichloropropane	11.6		"	10.0		116	70-130		8.04	20	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		11.6	30	
1,3-Dichlorobenzene	9.87		"	10.0		98.7	70-130		5.61	20	
1,3-Dichloropropane	11.3		"	10.0		113	81-125		3.41	30	
1,4-Dichlorobenzene	9.66		"	10.0		96.6	70-130		5.93	20	
1,4-Dioxane	247		"	210		118	40-160		36.3	20	Non-dir.
2,2-Dichloropropane	11.6		"	10.0		116	56-150		5.45	30	
2-Butanone	11.7		"	10.0		117	40-160		20.9	20	Non-dir.
2-Chlorotoluene	10.2		"	10.0		102	79-130		11.4	30	
2-Hexanone	11.6		"	10.0		116	40-160		25.1	20	Non-dir.
4-Chlorotoluene	10.4		"	10.0		104	79-128		11.8	30	
4-Methyl-2-pentanone	10.1		"	10.0		101	40-160		22.1	20	Non-dir.
Acetone	12.0		"	10.0		120	40-160		25.4	20	Non-dir.
Acrolein	1.04		"	10.0		10.4	10-153		13.3	30	
Acrylonitrile	11.3		"	10.0		113	51-150		24.6	30	
Benzene	11.3		"	10.0		113	70-130		2.01	20	
Bromobenzene	10.5		"	10.0		105	78-129		6.62	30	
Bromochloromethane	11.2		"	10.0		112	70-130		10.3	20	
Bromodichloromethane	11.4		"	10.0		114	70-130		3.61	20	
Bromoform	8.46		"	10.0		84.6	70-130		11.4	20	
Bromomethane	9.42		"	10.0		94.2	40-160		10.5	20	
Carbon disulfide	11.4		"	10.0		114	40-160		7.08	20	
Carbon tetrachloride	11.2		"	10.0		112	70-130		5.54	20	
Chlorobenzene	11.0		"	10.0		110	70-130		6.77	20	
Chloroethane	10.5		"	10.0		105	40-160		9.92	20	
Chloroform	10.7		"	10.0		107	70-130		0.749	20	
Chloromethane	10.4		"	10.0		104	40-160		7.96	20	
cis-1,2-Dichloroethylene	11.1		"	10.0		111	70-130		1.25	20	
cis-1,3-Dichloropropylene	11.1		"	10.0		111	70-130		1.07	20	
Cyclohexane	5.57		"	10.0		55.7	70-130	Low Bias	3.70	20	
Dibromochloromethane	9.50		"	10.0		95.0	70-130		5.07	20	
Dibromomethane	10.8		"	10.0		108	72-134		5.71	30	
Dichlorodifluoromethane	8.60		"	10.0		86.0	40-160		5.54	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41917 - EPA 5030B											
LCS Dup (BJ41917-BSD1) LCS Dup							Prepared & Analyzed: 10/24/2024				
Ethyl Benzene	12.3		ug/L	10.0		123	70-130		10.6	20	
Hexachlorobutadiene	7.01		"	10.0		70.1	67-146		3.19	30	
Isopropylbenzene	10.7		"	10.0		107	70-130		16.5	20	
Methyl acetate	10.6		"	10.0		106	70-130		22.9	20	Non-dir.
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	70-130		25.4	20	Non-dir.
Methylcyclohexane	10.5		"	10.0		105	70-130		15.2	20	
Methylene chloride	10.9		"	10.0		109	70-130		3.91	20	
n-Butylbenzene	9.14		"	10.0		91.4	79-132		7.98	30	
n-Propylbenzene	10.7		"	10.0		107	78-133		14.1	30	
o-Xylene	11.5		"	10.0		115	70-130		7.69	20	
p- & m- Xylenes	24.0		"	20.0		120	70-130		10.1	20	
p-Isopropyltoluene	9.80		"	10.0		98.0	81-136		11.1	30	
sec-Butylbenzene	9.59		"	10.0		95.9	79-137		11.2	30	
Styrene	11.9		"	10.0		119	70-130		5.08	20	
tert-Butyl alcohol (TBA)	53.7		"	50.0		107	25-162		62.5	30	Non-dir.
tert-Butylbenzene	8.80		"	10.0		88.0	77-138		12.0	30	
Tetrachloroethylene	10.7		"	10.0		107	70-130		14.8	20	
Toluene	11.5		"	10.0		115	70-130		15.2	20	
trans-1,2-Dichloroethylene	11.2		"	10.0		112	70-130		5.54	20	
trans-1,3-Dichloropropylene	11.8		"	10.0		118	70-130		6.37	20	
Trichloroethylene	11.2		"	10.0		112	70-130		16.9	20	
Trichlorofluoromethane	10.9		"	10.0		109	40-160		7.32	20	
Vinyl Chloride	10.2		"	10.0		102	70-130		10.9	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.83*		*"*	*10.0*		*88.3*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*8.76*		*"*	*10.0*		*87.6*	*70-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41633 - EPA 3550C											
Blank (BJ41633-BLK1) Blank									Prepared: 10/24/2024 Analyzed: 10/25/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41633 - EPA 3550C											
Blank (BJ41633-BLK1) Blank									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.58*		"	*1.66*		*95.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.55*		"	*1.66*		*93.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.771*		"	*0.831*		*92.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.856*		"	*0.831*		*103*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.94*		"	*1.66*		*117*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.936*		"	*0.831*		*113*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41633 - EPA 3550C											
LCS (BJ41633-BS1) LCS								Prepared: 10/24/2024 Analyzed: 10/25/2024			
1,1-Biphenyl	0.931	0.0416	mg/kg wet	0.831		112	18-111	High Bias			
1,2,4,5-Tetrachlorobenzene	0.951	0.0830	"	0.831		114	21-131				
1,2,4-Trichlorobenzene	0.992	0.0416	"	1.25		79.7	10-140				
1,2-Dichlorobenzene	0.913	0.0416	"	1.25		73.3	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.918	0.0416	"	1.25		73.7	17-137				
1,3-Dichlorobenzene	0.882	0.0416	"	1.25		70.8	33-110				
1,4-Dichlorobenzene	0.865	0.0416	"	1.25		69.4	32-104				
2,3,4,6-Tetrachlorophenol	0.935	0.0830	"	1.25		75.0	30-130				
2,4,5-Trichlorophenol	0.981	0.0416	"	1.25		78.8	27-118				
2,4,6-Trichlorophenol	0.951	0.0416	"	1.25		76.3	31-120				
2,4-Dichlorophenol	1.06	0.0416	"	1.25		85.1	20-127				
2,4-Dimethylphenol	1.18	0.0416	"	1.25		94.9	14-132				
2,4-Dinitrophenol	0.381	0.0830	"	1.25		30.6	10-171				
2,4-Dinitrotoluene	0.788	0.0416	"	1.25		63.3	34-131				
2,6-Dinitrotoluene	0.830	0.0416	"	1.25		66.6	31-128				
2-Chloronaphthalene	0.906	0.0416	"	1.25		72.7	31-117				
2-Chlorophenol	0.927	0.0416	"	1.25		74.4	33-113				
2-Methylnaphthalene	0.926	0.0416	"	1.25		74.3	12-138				
2-Methylphenol	0.967	0.0416	"	1.25		77.6	10-136				
2-Nitroaniline	0.915	0.0830	"	1.25		73.4	27-132				
2-Nitrophenol	0.829	0.0416	"	1.25		66.6	17-129				
3- & 4-Methylphenols	0.838	0.0416	"	1.25		67.3	29-103				
3,3-Dichlorobenzidine	0.989	0.0416	"	0.831		119	22-149				
3-Nitroaniline	0.837	0.0830	"	1.25		67.2	20-133				
4,6-Dinitro-2-methylphenol	0.456	0.0830	"	1.25		36.6	10-143				
4-Bromophenyl phenyl ether	0.986	0.0416	"	1.25		79.1	29-120				
4-Chloro-3-methylphenol	1.02	0.0416	"	1.25		82.2	24-129				
4-Chloroaniline	0.743	0.0416	"	1.25		59.6	10-132				
4-Chlorophenyl phenyl ether	0.873	0.0416	"	1.25		70.1	27-124				
4-Nitroaniline	0.871	0.0830	"	1.25		69.9	16-128				
4-Nitrophenol	0.665	0.0830	"	1.25		53.4	10-141				
Acenaphthene	0.878	0.0416	"	1.25		70.5	30-121				
Acenaphthylene	0.914	0.0416	"	1.25		73.4	30-115				
Acetophenone	0.939	0.0416	"	0.831		113	20-112	High Bias			
Aniline	1.07	0.166	"	1.25		85.9	10-119				
Anthracene	0.907	0.0416	"	1.25		72.8	34-118				
Atrazine	0.848	0.0416	"	0.831		102	26-112				
Benzaldehyde	0.783	0.0416	"	0.831		94.3	21-100				
Benzo(a)anthracene	0.908	0.0416	"	1.25		72.9	32-122				
Benzo(a)pyrene	0.779	0.0416	"	1.25		62.5	29-133				
Benzo(b)fluoranthene	0.837	0.0416	"	1.25		67.2	25-133				
Benzo(g,h,i)perylene	0.829	0.0416	"	1.25		66.5	10-143				
Benzo(k)fluoranthene	0.857	0.0416	"	1.25		68.8	25-128				
Benzoic acid	1.10	0.0416	"	0.831		132	10-140				
Benzyl alcohol	0.942	0.0416	"	1.25		75.6	30-115				
Benzyl butyl phthalate	1.01	0.0416	"	1.25		81.1	26-126				
Bis(2-chloroethoxy)methane	0.985	0.0416	"	1.25		79.1	19-132				
Bis(2-chloroethyl)ether	0.865	0.0416	"	1.25		69.5	19-125				
Bis(2-chloroisopropyl)ether	0.820	0.0416	"	1.25		65.8	20-135				
Bis(2-ethylhexyl)phthalate	0.946	0.0416	"	1.25		75.9	10-155				
Caprolactam	1.08	0.0830	"	0.831		130	10-127	High Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41633 - EPA 3550C											
LCS (BJ41633-BS1) LCS									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Carbazole	0.851	0.0416	mg/kg wet	1.25		68.3	35-123				
Chrysene	0.869	0.0416	"	1.25		69.8	32-123				
Dibenzo(a,h)anthracene	0.841	0.0416	"	1.25		67.5	10-136				
Dibenzofuran	0.879	0.0416	"	1.25		70.6	29-121				
Diethyl phthalate	0.852	0.0416	"	1.25		68.4	34-116				
Dimethyl phthalate	0.882	0.0416	"	1.25		70.8	35-124				
Di-n-butyl phthalate	0.889	0.0416	"	1.25		71.4	31-116				
Di-n-octyl phthalate	0.909	0.0416	"	1.25		73.0	26-136				
Fluoranthene	0.798	0.0416	"	1.25		64.0	33-122				
Fluorene	0.864	0.0416	"	1.25		69.4	29-123				
Hexachlorobenzene	0.889	0.0416	"	1.25		71.4	21-124				
Hexachlorobutadiene	1.03	0.0416	"	1.25		82.9	10-149				
Hexachlorocyclopentadiene	0.381	0.0416	"	1.25		30.6	10-129				
Hexachloroethane	0.782	0.0416	"	1.25		62.7	28-108				
Indeno(1,2,3-cd)pyrene	0.807	0.0416	"	1.25		64.7	10-135				
Isophorone	0.958	0.0416	"	1.25		76.9	20-132				
Naphthalene	1.03	0.0416	"	1.25		83.0	23-124				
Nitrobenzene	0.914	0.0416	"	1.25		73.4	13-132				
N-Nitrosodimethylamine	0.658	0.0416	"	1.25		52.9	11-129				
N-nitroso-di-n-propylamine	0.868	0.0416	"	1.25		69.7	24-119				
N-Nitrosodiphenylamine	1.10	0.0416	"	1.25		88.3	22-152				
Pentachlorophenol	0.991	0.0416	"	1.25		79.5	10-139				
Phenanthrene	0.849	0.0416	"	1.25		68.1	33-123				
Phenol	0.965	0.0416	"	1.25		77.5	23-115				
Pyrene	1.00	0.0416	"	1.25		80.3	24-130				
Pyridine	0.526	0.166	"	1.25		42.2	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.92*		"	*1.66*		*116*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.97*		"	*1.66*		*119*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*1.00*		"	*0.831*		*121*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*1.05*		"	*0.831*		*126*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.61*		"	*1.66*		*157*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*1.14*		"	*0.831*		*137*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41633 - EPA 3550C											
Matrix Spike (BJ41633-MS1) Matrix Spike *Source sample: 24J1570-19 (Comp04_102324)								Prepared: 10/24/2024 Analyzed: 10/25/2024			
1,1-Biphenyl	0.686	0.0882	mg/kg dry	0.881	ND	77.8	10-130				
1,2,4,5-Tetrachlorobenzene	0.666	0.176	"	0.881	ND	75.6	10-133				
1,2,4-Trichlorobenzene	0.713	0.0882	"	1.32	ND	54.0	10-127				
1,2-Dichlorobenzene	0.624	0.0882	"	1.32	ND	47.3	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.690	0.0882	"	1.32	ND	52.2	10-144				
1,3-Dichlorobenzene	0.612	0.0882	"	1.32	ND	46.3	11-111				
1,4-Dichlorobenzene	0.609	0.0882	"	1.32	ND	46.1	10-106				
2,3,4,6-Tetrachlorophenol	0.707	0.176	"	1.32	ND	53.5	30-130				
2,4,5-Trichlorophenol	0.693	0.0882	"	1.32	ND	52.4	10-127				
2,4,6-Trichlorophenol	0.708	0.0882	"	1.32	ND	53.6	10-132				
2,4-Dichlorophenol	0.758	0.0882	"	1.32	ND	57.4	10-128				
2,4-Dimethylphenol	0.829	0.0882	"	1.32	ND	62.7	10-137				
2,4-Dinitrophenol	ND	0.176	"	1.32	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.497	0.0882	"	1.32	ND	37.6	16-135				
2,6-Dinitrotoluene	0.545	0.0882	"	1.32	ND	41.3	18-131				
2-Chloronaphthalene	0.681	0.0882	"	1.32	ND	51.6	10-129				
2-Chlorophenol	0.672	0.0882	"	1.32	ND	50.9	15-116				
2-Methylnaphthalene	0.641	0.0882	"	1.32	ND	48.5	10-147				
2-Methylphenol	0.680	0.0882	"	1.32	ND	51.5	10-136				
2-Nitroaniline	0.696	0.176	"	1.32	ND	52.7	10-137				
2-Nitrophenol	0.453	0.0882	"	1.32	ND	34.3	10-129				
3- & 4-Methylphenols	0.582	0.0882	"	1.32	ND	44.1	10-123				
3,3-Dichlorobenzidine	0.610	0.0882	"	0.881	ND	69.2	10-155				
3-Nitroaniline	0.641	0.176	"	1.32	ND	48.5	12-133				
4,6-Dinitro-2-methylphenol	ND	0.176	"	1.32	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.660	0.0882	"	1.32	ND	50.0	14-128				
4-Chloro-3-methylphenol	0.781	0.0882	"	1.32	ND	59.1	10-134				
4-Chloroaniline	0.534	0.0882	"	1.32	ND	40.4	10-145				
4-Chlorophenyl phenyl ether	0.621	0.0882	"	1.32	ND	47.0	14-130				
4-Nitroaniline	0.685	0.176	"	1.32	ND	51.8	10-147				
4-Nitrophenol	0.447	0.176	"	1.32	ND	33.9	10-137				
Acenaphthene	0.647	0.0882	"	1.32	ND	49.0	10-146				
Acenaphthylene	0.701	0.0882	"	1.32	ND	53.1	10-134				
Acetophenone	0.657	0.0882	"	0.881	ND	74.6	10-116				
Aniline	0.667	0.353	"	1.32	ND	50.5	10-123				
Anthracene	0.746	0.0882	"	1.32	0.0924	49.5	10-142				
Atrazine	0.656	0.0882	"	0.881	ND	74.5	19-115				
Benzaldehyde	0.641	0.0882	"	0.881	ND	72.7	10-125				
Benzo(a)anthracene	0.919	0.0882	"	1.32	0.463	34.5	10-158				
Benzo(a)pyrene	0.769	0.0882	"	1.32	0.414	26.9	10-180				
Benzo(b)fluoranthene	0.814	0.0882	"	1.32	0.461	26.7	10-200				
Benzo(g,h,i)perylene	0.734	0.0882	"	1.32	0.306	32.4	10-138				
Benzo(k)fluoranthene	0.833	0.0882	"	1.32	0.431	30.5	10-197				
Benzoic acid	0.210	0.0882	"	0.881	ND	23.8	10-166				
Benzyl alcohol	0.655	0.0882	"	1.32	ND	49.6	12-124				
Benzyl butyl phthalate	0.621	0.0882	"	1.32	ND	47.0	10-154				
Bis(2-chloroethoxy)methane	0.700	0.0882	"	1.32	ND	53.0	10-132				
Bis(2-chloroethyl)ether	0.627	0.0882	"	1.32	ND	47.5	10-119				
Bis(2-chloroisopropyl)ether	0.635	0.0882	"	1.32	ND	48.1	10-139				
Bis(2-ethylhexyl)phthalate	0.638	0.0882	"	1.32	ND	48.3	10-167				
Caprolactam	0.793	0.176	"	0.881	ND	90.1	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41633 - EPA 3550C											
Matrix Spike (BJ41633-MS1) Matrix Spike *Source sample: 24J1570-19 (Comp04_102324)								Prepared: 10/24/2024 Analyzed: 10/25/2024			
Carbazole	0.620	0.0882	mg/kg dry	1.32	ND	46.9	10-167				
Chrysene	0.951	0.0882	"	1.32	0.478	35.8	10-156				
Dibenzo(a,h)anthracene	0.626	0.0882	"	1.32	0.0651	42.5	10-137				
Dibenzofuran	0.637	0.0882	"	1.32	ND	48.2	10-147				
Diethyl phthalate	0.622	0.0882	"	1.32	ND	47.1	20-120				
Dimethyl phthalate	0.667	0.0882	"	1.32	ND	50.5	18-131				
Di-n-butyl phthalate	0.611	0.0882	"	1.32	ND	46.2	10-137				
Di-n-octyl phthalate	0.568	0.0882	"	1.32	ND	43.0	10-180				
Fluoranthene	1.03	0.0882	"	1.32	0.657	28.0	10-160				
Fluorene	0.631	0.0882	"	1.32	ND	47.8	10-157				
Hexachlorobenzene	0.624	0.0882	"	1.32	ND	47.2	10-137				
Hexachlorobutadiene	0.713	0.0882	"	1.32	ND	54.0	10-132				
Hexachlorocyclopentadiene	0.0592	0.0882	"	1.32	ND	4.48	10-106	Low Bias			
Hexachloroethane	0.482	0.0882	"	1.32	ND	36.5	10-110				
Indeno(1,2,3-cd)pyrene	0.873	0.0882	"	1.32	ND	66.1	10-144				
Isophorone	0.676	0.0882	"	1.32	ND	51.2	10-132				
Naphthalene	0.726	0.0882	"	1.32	ND	54.9	10-141				
Nitrobenzene	0.648	0.0882	"	1.32	ND	49.0	10-131				
N-Nitrosodimethylamine	0.450	0.0882	"	1.32	ND	34.1	10-126				
N-nitroso-di-n-propylamine	0.633	0.0882	"	1.32	ND	47.9	10-125				
N-Nitrosodiphenylamine	0.806	0.0882	"	1.32	ND	61.0	10-177				
Pentachlorophenol	0.565	0.0882	"	1.32	ND	42.8	10-153				
Phenanthrene	0.913	0.0882	"	1.32	0.300	46.4	10-148				
Phenol	0.633	0.0882	"	1.32	ND	47.9	10-126				
Pyrene	1.23	0.0882	"	1.32	0.652	43.6	10-165				
Pyridine	0.321	0.353	"	1.32	ND	24.3	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.32*		"	*1.76*		*75.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.38*		"	*1.76*		*78.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.749*		"	*0.881*		*85.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.738*		"	*0.881*		*83.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.80*		"	*1.76*		*102*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.737*		"	*0.881*		*83.7*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41633 - EPA 3550C											
Matrix Spike Dup (BJ41633-M Matrix Spike Dup	*Source sample: 24J1570-19 (Comp04_102324)								Prepared: 10/24/2024 Analyzed: 10/25/2024		
1,1-Biphenyl	0.540	0.0882	mg/kg dry	0.881	ND	61.4	10-130		23.7	30	
1,2,4,5-Tetrachlorobenzene	0.519	0.176	"	0.881	ND	59.0	10-133		24.7	30	
1,2,4-Trichlorobenzene	0.573	0.0882	"	1.32	ND	43.4	10-127		21.8	30	
1,2-Dichlorobenzene	0.505	0.0882	"	1.32	ND	38.2	14-111		21.1	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.553	0.0882	"	1.32	ND	41.9	10-144		22.0	30	
1,3-Dichlorobenzene	0.478	0.0882	"	1.32	ND	36.2	11-111		24.4	30	
1,4-Dichlorobenzene	0.490	0.0882	"	1.32	ND	37.1	10-106		21.7	30	
2,3,4,6-Tetrachlorophenol	0.594	0.176	"	1.32	ND	45.0	30-130		17.3	30	
2,4,5-Trichlorophenol	0.574	0.0882	"	1.32	ND	43.4	10-127		18.8	30	
2,4,6-Trichlorophenol	0.558	0.0882	"	1.32	ND	42.2	10-132		23.7	30	
2,4-Dichlorophenol	0.612	0.0882	"	1.32	ND	46.3	10-128		21.4	30	
2,4-Dimethylphenol	0.696	0.0882	"	1.32	ND	52.7	10-137		17.4	30	
2,4-Dinitrophenol	ND	0.176	"	1.32	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.379	0.0882	"	1.32	ND	28.7	16-135		26.9	30	
2,6-Dinitrotoluene	0.410	0.0882	"	1.32	ND	31.0	18-131		28.3	30	
2-Chloronaphthalene	0.545	0.0882	"	1.32	ND	41.2	10-129		22.3	30	
2-Chlorophenol	0.538	0.0882	"	1.32	ND	40.7	15-116		22.1	30	
2-Methylnaphthalene	0.540	0.0882	"	1.32	ND	40.9	10-147		17.2	30	
2-Methylphenol	0.550	0.0882	"	1.32	ND	41.7	10-136		21.1	30	
2-Nitroaniline	0.566	0.176	"	1.32	ND	42.8	10-137		20.7	30	
2-Nitrophenol	0.305	0.0882	"	1.32	ND	23.1	10-129		39.0	30	Non-dir.
3- & 4-Methylphenols	0.462	0.0882	"	1.32	ND	34.9	10-123		23.1	30	
3,3-Dichlorobenzidine	0.497	0.0882	"	0.881	ND	56.4	10-155		20.4	30	
3-Nitroaniline	0.556	0.176	"	1.32	ND	42.1	12-133		14.2	30	
4,6-Dinitro-2-methylphenol	ND	0.176	"	1.32	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.538	0.0882	"	1.32	ND	40.7	14-128		20.5	30	
4-Chloro-3-methylphenol	0.653	0.0882	"	1.32	ND	49.4	10-134		17.8	30	
4-Chloroaniline	0.466	0.0882	"	1.32	ND	35.3	10-145		13.5	30	
4-Chlorophenyl phenyl ether	0.497	0.0882	"	1.32	ND	37.7	14-130		22.1	30	
4-Nitroaniline	0.555	0.176	"	1.32	ND	42.0	10-147		21.0	30	
4-Nitrophenol	0.347	0.176	"	1.32	ND	26.3	10-137		25.2	30	
Acenaphthene	0.540	0.0882	"	1.32	ND	40.9	10-146		17.9	30	
Acenaphthylene	0.567	0.0882	"	1.32	ND	42.9	10-134		21.1	30	
Acetophenone	0.528	0.0882	"	0.881	ND	59.9	10-116		21.8	30	
Aniline	0.519	0.353	"	1.32	ND	39.3	10-123		24.9	30	
Anthracene	0.609	0.0882	"	1.32	0.0924	39.1	10-142		20.3	30	
Atrazine	0.541	0.0882	"	0.881	ND	61.4	19-115		19.2	30	
Benzaldehyde	0.502	0.0882	"	0.881	ND	57.0	10-125		24.2	30	
Benzo(a)anthracene	0.751	0.0882	"	1.32	0.463	21.8	10-158		20.1	30	
Benzo(a)pyrene	0.619	0.0882	"	1.32	0.414	15.5	10-180		21.6	30	
Benzo(b)fluoranthene	0.614	0.0882	"	1.32	0.461	11.5	10-200		28.0	30	
Benzo(g,h,i)perylene	0.604	0.0882	"	1.32	0.306	22.6	10-138		19.5	30	
Benzo(k)fluoranthene	0.632	0.0882	"	1.32	0.431	15.3	10-197		27.4	30	
Benzoic acid	0.0979	0.0882	"	0.881	ND	11.1	10-166		72.8	30	Non-dir.
Benzyl alcohol	0.507	0.0882	"	1.32	ND	38.4	12-124		25.5	30	
Benzyl butyl phthalate	0.512	0.0882	"	1.32	ND	38.8	10-154		19.2	30	
Bis(2-chloroethoxy)methane	0.561	0.0882	"	1.32	ND	42.5	10-132		22.0	30	
Bis(2-chloroethyl)ether	0.483	0.0882	"	1.32	ND	36.5	10-119		26.0	30	
Bis(2-chloroisopropyl)ether	0.493	0.0882	"	1.32	ND	37.3	10-139		25.3	30	
Bis(2-ethylhexyl)phthalate	0.512	0.0882	"	1.32	ND	38.8	10-167		21.8	30	
Caprolactam	0.622	0.176	"	0.881	ND	70.6	10-132		24.3	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41633 - EPA 3550C											
Matrix Spike Dup (BJ41633-M Matrix Spike Dup	*Source sample: 24J1570-19 (Comp04_102324)								Prepared: 10/24/2024 Analyzed: 10/25/2024		
Carbazole	0.515	0.0882	mg/kg dry	1.32	ND	39.0	10-167		18.5	30	
Chrysene	0.774	0.0882	"	1.32	0.478	22.4	10-156		20.4	30	
Dibenzo(a,h)anthracene	0.512	0.0882	"	1.32	0.0651	33.8	10-137		20.2	30	
Dibenzofuran	0.519	0.0882	"	1.32	ND	39.3	10-147		20.5	30	
Diethyl phthalate	0.507	0.0882	"	1.32	ND	38.4	20-120		20.3	30	
Dimethyl phthalate	0.531	0.0882	"	1.32	ND	40.2	18-131		22.8	30	
Di-n-butyl phthalate	0.490	0.0882	"	1.32	ND	37.1	10-137		22.0	30	
Di-n-octyl phthalate	0.449	0.0882	"	1.32	ND	34.0	10-180		23.4	30	
Fluoranthene	0.871	0.0882	"	1.32	0.657	16.2	10-160		16.3	30	
Fluorene	0.513	0.0882	"	1.32	ND	38.8	10-157		20.7	30	
Hexachlorobenzene	0.518	0.0882	"	1.32	ND	39.2	10-137		18.5	30	
Hexachlorobutadiene	0.565	0.0882	"	1.32	ND	42.8	10-132		23.2	30	
Hexachlorocyclopentadiene	ND	0.0882	"	1.32	ND		10-106	Low Bias		30	
Hexachloroethane	0.354	0.0882	"	1.32	ND	26.8	10-110		30.7	30	Non-dir.
Indeno(1,2,3-cd)pyrene	0.721	0.0882	"	1.32	ND	54.6	10-144		19.1	30	
Isophorone	0.541	0.0882	"	1.32	ND	41.0	10-132		22.2	30	
Naphthalene	0.589	0.0882	"	1.32	ND	44.6	10-141		20.8	30	
Nitrobenzene	0.509	0.0882	"	1.32	ND	38.5	10-131		24.0	30	
N-Nitrosodimethylamine	0.322	0.0882	"	1.32	ND	24.4	10-126		33.2	30	Non-dir.
N-nitroso-di-n-propylamine	0.497	0.0882	"	1.32	ND	37.6	10-125		24.2	30	
N-Nitrosodiphenylamine	0.666	0.0882	"	1.32	ND	50.4	10-177		19.1	30	
Pentachlorophenol	0.459	0.0882	"	1.32	ND	34.8	10-153		20.6	30	
Phenanthrene	0.751	0.0882	"	1.32	0.300	34.2	10-148		19.4	30	
Phenol	0.503	0.0882	"	1.32	ND	38.1	10-126		22.9	30	
Pyrene	1.08	0.0882	"	1.32	0.652	32.2	10-165		13.1	30	
Pyridine	0.236	0.353	"	1.32	ND	17.9	10-83		30.4	30	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*1.04*		"	*1.76*		*59.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.08*		"	*1.76*		*61.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.583*		"	*0.881*		*66.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.590*		"	*0.881*		*67.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.52*		"	*1.76*		*86.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.627*		"	*0.881*		*71.2*	*24-116*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41660 - EPA 1633 Prep											
Blank (BJ41660-BLK1) Blank									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.174	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.748	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.756	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.787	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.350	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.738	"								
HFPO-DA (Gen-X)	ND	0.787	"								
11CL-PF3OUdS	ND	0.744	"								
9CL-PF3ONS	ND	0.736	"								
ADONA	ND	0.744	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.984	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.92	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.92	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.34*		"	*2.29*		*102*	*25-150*				
Surrogate: M5PFHxA	*2.74*		"	*2.46*		*111*	*25-150*				
Surrogate: M4PFHpA	*2.06*		"	*2.46*		*83.8*	*25-150*				
Surrogate: M3PFHxS	*2.31*		"	*2.33*		*99.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.97*		"	*2.46*		*121*	*25-150*				
Surrogate: M6PFDA	*1.20*		"	*1.23*		*97.5*	*25-150*				
Surrogate: M7PFUdA	*1.11*		"	*1.23*		*90.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.709*		"	*1.23*		*57.6*	*25-150*				
Surrogate: M2PFTeDA	*0.510*		"	*1.23*		*41.5*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41660 - EPA 1633 Prep											
Blank (BJ41660-BLK1) Blank									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.06*		*ug/kg wet*	*9.84*		*81.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.35*		*"*	*2.36*		*99.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.34*		*"*	*4.92*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.57*		*"*	*2.46*		*104*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.75*		*"*	*4.92*		*96.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.95*		*"*	*4.92*		*101*	*25-150*				
Surrogate: M2-6:2 FTS	*3.92*		*"*	*4.68*		*83.8*	*25-200*				
Surrogate: M2-8:2 FTS	*3.79*		*"*	*4.72*		*80.2*	*25-200*				
Surrogate: M9PFNA	*1.16*		*"*	*1.23*		*94.2*	*25-150*				
Surrogate: M2-4:2 FTS	*5.27*		*"*	*4.62*		*114*	*25-150*				
Surrogate: d-N-MeFOSA	*1.63*		*"*	*2.46*		*66.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.01*		*"*	*2.46*		*41.0*	*25-150*				
Surrogate: M3HFPO-DA	*11.5*		*"*	*9.84*		*117*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.9*		*"*	*24.6*		*52.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.2*		*"*	*24.6*		*69.8*	*25-150*				
LCS (BJ41660-BS1) LCS									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Perfluorobutanesulfonic acid (PFBS)	3.14	0.175	ug/kg wet	3.50		89.7	50-150				
Perfluorohexanoic acid (PFHxA)	3.47	0.198	"	3.95		87.9	50-150				
Perfluoroheptanoic acid (PFHpA)	5.26	0.198	"	3.95		133	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.34	0.181	"	3.62		92.4	50-150				
Perfluorooctanoic acid (PFOA)	3.30	0.198	"	3.95		83.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.50	0.184	"	3.68		95.1	50-150				
Perfluorononanoic acid (PFNA)	3.29	0.198	"	3.95		83.3	50-150				
Perfluorodecanoic acid (PFDA)	3.24	0.198	"	3.95		82.0	50-150				
Perfluoroundecanoic acid (PFUnA)	3.78	0.198	"	3.95		95.7	50-150				
Perfluorododecanoic acid (PFDoA)	3.18	0.198	"	3.95		80.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.50	0.198	"	3.95		88.5	50-150				
Perfluorotetradecanoic acid (PFTA)	3.60	0.198	"	3.95		91.2	50-150				
N-MeFOSAA	3.71	0.198	"	3.95		93.8	50-150				
N-EtFOSAA	3.71	0.198	"	3.95		94.0	50-150				
Perfluoropentanoic acid (PFPeA)	7.56	0.395	"	7.91		95.6	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.89	0.198	"	3.95		73.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.72	0.198	"	3.77		98.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.23	0.191	"	3.81		84.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	13.6	0.751	"	15.0		90.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	13.6	0.759	"	15.2		89.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.6	0.791	"	15.8		92.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.05	0.352	"	7.04		100	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.08	0.395	"	7.91		115	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	6.87	0.395	"	7.91		86.9	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.49	0.395	"	7.91		94.8	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.67	0.186	"	3.72		98.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	12.5	0.741	"	14.8		84.2	50-150				
HFPO-DA (Gen-X)	7.32	0.791	"	7.91		92.6	50-150				
11CL-PF3OUdS	5.00	0.747	"	7.47		66.9	50-150				
9CL-PF3ONS	6.19	0.739	"	7.39		83.8	50-150				
ADONA	6.49	0.747	"	7.47		86.8	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41660 - EPA 1633 Prep											
LCS (BJ41660-BS1) LCS									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Perfluorododecanesulfonic acid (PFDoS)	2.03	0.192	ug/kg wet	3.83		52.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.44	0.190	"	3.79		90.6	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	13.5	0.988	"	15.8		85.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	75.5	4.94	"	79.1		95.6	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	80.1	4.94	"	79.1		101	50-150				
N-MeFOSE	33.2	1.98	"	39.5		84.1	50-150				
N-MeFOSA	4.25	0.198	"	3.95		107	50-150				
N-EtFOSE	40.4	1.98	"	39.5		102	50-150				
N-EtFOSA	3.55	0.198	"	3.95		89.8	50-150				
Surrogate: M3PFBS	*2.35*		"	*2.30*		*102*	*25-150*				
Surrogate: M5PFHxA	*2.66*		"	*2.47*		*108*	*25-150*				
Surrogate: M4PFHpA	*1.85*		"	*2.47*		*75.0*	*25-150*				
Surrogate: M3PFHxS	*2.37*		"	*2.34*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.82*		"	*2.47*		*114*	*25-150*				
Surrogate: M6PFDA	*1.41*		"	*1.24*		*115*	*25-150*				
Surrogate: M7PFUdA	*1.29*		"	*1.24*		*105*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.874*		"	*1.24*		*70.8*	*25-150*				
Surrogate: M2PFTeDA	*0.696*		"	*1.24*		*56.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.87*		"	*9.88*		*99.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.58*		"	*2.37*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.08*		"	*4.94*		*103*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.66*		"	*2.47*		*108*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.63*		"	*4.94*		*93.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.87*		"	*4.94*		*98.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.85*		"	*4.70*		*81.9*	*25-200*				
Surrogate: M2-8:2 FTS	*4.31*		"	*4.74*		*90.8*	*25-200*				
Surrogate: M9PFNA	*1.33*		"	*1.24*		*108*	*25-150*				
Surrogate: M2-4:2 FTS	*5.17*		"	*4.63*		*112*	*25-150*				
Surrogate: d-N-MeFOSA	*1.55*		"	*2.47*		*62.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.29*		"	*2.47*		*52.0*	*25-150*				
Surrogate: M3HFPO-DA	*11.0*		"	*9.88*		*111*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.3*		"	*24.7*		*62.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.8*		"	*24.7*		*76.3*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41660 - EPA 1633 Prep											
LCS (BJ41660-BS2) LCS								Prepared: 10/24/2024 Analyzed: 10/25/2024			
Perfluorobutanesulfonic acid (PFBS)	0.635	0.175	ug/kg wet	0.700		90.7	50-150				
Perfluorohexanoic acid (PFHxA)	0.690	0.198	"	0.791		87.3	50-150				
Perfluoroheptanoic acid (PFHpA)	0.948	0.198	"	0.791		120	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.673	0.181	"	0.723		93.0	50-150				
Perfluorooctanoic acid (PFOA)	0.614	0.198	"	0.791		77.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.811	0.184	"	0.735		110	50-150				
Perfluorononanoic acid (PFNA)	0.681	0.198	"	0.791		86.2	50-150				
Perfluorodecanoic acid (PFDA)	0.535	0.198	"	0.791		67.6	50-150				
Perfluoroundecanoic acid (PFUnA)	0.782	0.198	"	0.791		99.0	50-150				
Perfluorododecanoic acid (PFDoA)	0.688	0.198	"	0.791		87.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.742	0.198	"	0.791		93.8	50-150				
Perfluorotetradecanoic acid (PFTA)	0.810	0.198	"	0.791		102	50-150				
N-MeFOSAA	0.804	0.198	"	0.791		102	50-150				
N-EtFOSAA	0.666	0.198	"	0.791		84.3	50-150				
Perfluoropentanoic acid (PFPeA)	1.48	0.395	"	1.58		93.6	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.646	0.198	"	0.791		81.7	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.775	0.198	"	0.755		103	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.478	0.191	"	0.763		62.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.78	0.751	"	3.00		92.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.96	0.759	"	3.04		97.5	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.80	0.791	"	3.16		88.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.36	0.352	"	1.41		97.0	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.55	0.395	"	1.58		98.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.122	0.395	"	1.58		7.69	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	2.24	0.395	"	1.58		142	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.738	0.186	"	0.743		99.3	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.50	0.741	"	2.96		84.2	50-150				
HFPO-DA (Gen-X)	1.47	0.791	"	1.58		92.7	50-150				
11CL-PF3OUdS	0.967	0.747	"	1.49		64.7	50-150				
9CL-PF3ONS	1.13	0.739	"	1.48		76.3	50-150				
ADONA	1.28	0.747	"	1.49		85.8	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.489	0.192	"	0.767		63.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.654	0.190	"	0.759		86.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.55	0.988	"	3.16		49.1	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	14.4	4.94	"	15.8		90.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	15.0	4.94	"	15.8		94.6	50-150				
N-MeFOSE	8.08	1.98	"	7.91		102	50-150				
N-MeFOSA	0.895	0.198	"	0.791		113	50-150				
N-EtFOSE	8.59	1.98	"	7.91		109	50-150				
N-EtFOSA	0.717	0.198	"	0.791		90.7	50-150				
Surrogate: M3PFBS	*2.27*		"	*2.30*		*98.6*	*25-150*				
Surrogate: M5PFHxA	*2.80*		"	*2.47*		*113*	*25-150*				
Surrogate: M4PFHpA	*1.97*		"	*2.47*		*79.8*	*25-150*				
Surrogate: M3PFHxS	*2.28*		"	*2.34*		*97.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.03*		"	*2.47*		*123*	*25-150*				
Surrogate: M6PFDA	*1.37*		"	*1.24*		*111*	*25-150*				
Surrogate: M7PFUdA	*1.12*		"	*1.24*		*91.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.801*		"	*1.24*		*64.8*	*25-150*				
Surrogate: M2PFTeDA	*0.632*		"	*1.24*		*51.2*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41660 - EPA 1633 Prep											
LCS (BJ41660-BS2) LCS									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.200*		*ug/kg wet*	*9.88*		*2.03*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.17*		*"*	*2.37*		*91.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.89*		*"*	*4.94*		*58.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.34*		*"*	*2.47*		*94.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.06*		*"*	*4.94*		*82.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.58*		*"*	*4.94*		*92.7*	*25-150*				
Surrogate: M2-6:2 FTS	*3.59*		*"*	*4.70*		*76.3*	*25-200*				
Surrogate: M2-8:2 FTS	*3.64*		*"*	*4.74*		*76.7*	*25-200*				
Surrogate: M9PFNA	*1.19*		*"*	*1.24*		*96.2*	*25-150*				
Surrogate: M2-4:2 FTS	*5.11*		*"*	*4.63*		*110*	*25-150*				
Surrogate: d-N-MeFOSA	*1.34*		*"*	*2.47*		*54.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.25*		*"*	*2.47*		*50.4*	*25-150*				
Surrogate: M3HFPO-DA	*11.3*		*"*	*9.88*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.0*		*"*	*24.7*		*60.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.3*		*"*	*24.7*		*70.0*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41685 - EPA 3550C											
Blank (BJ41685-BLK1) Blank									Prepared: 10/24/2024 Analyzed: 10/25/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0391*		*"*	*0.0664*		*58.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0622*		*"*	*0.0664*		*93.6*	*30-150*				
LCS (BJ41685-BS1) LCS									Prepared: 10/24/2024 Analyzed: 10/25/2024		
4,4'-DDD	0.0232	0.00164	mg/kg wet	0.0332		69.7	40-140				
4,4'-DDE	0.0233	0.00164	"	0.0332		70.2	40-140				
4,4'-DDT	0.0228	0.00164	"	0.0332		68.6	40-140				
Aldrin	0.0235	0.00164	"	0.0332		70.7	40-140				
alpha-BHC	0.0253	0.00164	"	0.0332		76.1	40-140				
alpha-Chlordane	0.0236	0.00164	"	0.0332		71.1	40-140				
beta-BHC	0.0269	0.00164	"	0.0332		81.1	40-140				
delta-BHC	0.0243	0.00164	"	0.0332		73.2	40-140				
Dieldrin	0.0246	0.00164	"	0.0332		73.9	40-140				
Endosulfan I	0.0238	0.00164	"	0.0332		71.6	40-140				
Endosulfan II	0.0243	0.00164	"	0.0332		73.3	40-140				
Endosulfan sulfate	0.0204	0.00164	"	0.0332		61.5	40-140				
Endrin	0.0254	0.00164	"	0.0332		76.4	40-140				
Endrin aldehyde	0.0221	0.00164	"	0.0332		66.7	40-140				
Endrin ketone	0.0223	0.00164	"	0.0332		67.2	40-140				
gamma-BHC (Lindane)	0.0253	0.00164	"	0.0332		76.3	40-140				
gamma-Chlordane	0.0236	0.00164	"	0.0332		71.1	40-140				
Heptachlor	0.0249	0.00164	"	0.0332		75.0	40-140				
Heptachlor epoxide	0.0244	0.00164	"	0.0332		73.5	40-140				
Methoxychlor	0.0240	0.00164	"	0.0332		72.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0319*		*"*	*0.0664*		*48.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0509*		*"*	*0.0664*		*76.6*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41685 - EPA 3550C											
Matrix Spike (BJ41685-MS1) Matrix Spike	*Source sample: 24J1570-16 (Comp01_102324)								Prepared: 10/24/2024 Analyzed: 10/25/2024		
4,4'-DDD	0.0295	0.00167	mg/kg dry	0.0337	ND	87.5	30-150				
4,4'-DDE	0.0280	0.00167	"	0.0337	0.00616	64.9	30-150				
4,4'-DDT	0.0293	0.00167	"	0.0337	0.00525	71.4	30-150				
Aldrin	0.0814	0.00167	"	0.0337	0.0481	98.6	30-150				
alpha-BHC	0.0275	0.00167	"	0.0337	ND	81.6	30-150				
alpha-Chlordane	0.0636	0.00167	"	0.0337	0.0331	90.5	30-150				
beta-BHC	0.0245	0.00167	"	0.0337	ND	72.8	30-150				
delta-BHC	0.0256	0.00167	"	0.0337	ND	76.1	30-150				
Dieldrin	0.0472	0.00167	"	0.0337	0.0182	85.9	30-150				
Endosulfan I	0.0259	0.00167	"	0.0337	ND	76.8	30-150				
Endosulfan II	0.0278	0.00167	"	0.0337	ND	82.3	30-150				
Endosulfan sulfate	0.0209	0.00167	"	0.0337	ND	62.1	30-150				
Endrin	0.0299	0.00167	"	0.0337	ND	88.5	30-150				
Endrin aldehyde	0.0184	0.00167	"	0.0337	ND	54.7	30-150				
Endrin ketone	0.0272	0.00167	"	0.0337	ND	80.8	30-150				
gamma-BHC (Lindane)	0.0273	0.00167	"	0.0337	ND	80.9	30-150				
gamma-Chlordane	0.0641	0.00167	"	0.0337	0.0349	86.5	30-150				
Heptachlor	0.0271	0.00167	"	0.0337	ND	80.3	30-150				
Heptachlor epoxide	0.0343	0.00167	"	0.0337	0.00540	85.7	30-150				
Methoxychlor	0.0263	0.00167	"	0.0337	ND	78.0	30-150				
Surrogate: Decachlorobiphenyl	*0.0244*		*"*	*0.0674*		*36.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0579*		*"*	*0.0674*		*85.8*	*30-150*				
Matrix Spike Dup (BJ41685-M Matrix Spike Dup	*Source sample: 24J1570-16 (Comp01_102324)								Prepared: 10/24/2024 Analyzed: 10/25/2024		
4,4'-DDD	0.0263	0.00167	mg/kg dry	0.0337	ND	78.0	30-150		11.5	30	
4,4'-DDE	0.0247	0.00167	"	0.0337	0.00616	55.1	30-150		12.4	30	
4,4'-DDT	0.0250	0.00167	"	0.0337	0.00525	58.6	30-150		15.9	30	
Aldrin	0.0727	0.00167	"	0.0337	0.0481	72.9	30-150		11.2	30	
alpha-BHC	0.0239	0.00167	"	0.0337	ND	70.9	30-150		14.0	30	
alpha-Chlordane	0.0540	0.00167	"	0.0337	0.0331	61.9	30-150		16.4	30	
beta-BHC	0.0216	0.00167	"	0.0337	ND	64.1	30-150		12.8	30	
delta-BHC	0.0219	0.00167	"	0.0337	ND	65.0	30-150		15.8	30	
Dieldrin	0.0457	0.00167	"	0.0337	0.0182	81.7	30-150		3.08	30	
Endosulfan I	0.0227	0.00167	"	0.0337	ND	67.4	30-150		13.0	30	
Endosulfan II	0.0242	0.00167	"	0.0337	ND	71.8	30-150		13.7	30	
Endosulfan sulfate	0.0180	0.00167	"	0.0337	ND	53.4	30-150		15.1	30	
Endrin	0.0261	0.00167	"	0.0337	ND	77.3	30-150		13.5	30	
Endrin aldehyde	0.0156	0.00167	"	0.0337	ND	46.2	30-150		17.0	30	
Endrin ketone	0.0221	0.00167	"	0.0337	ND	65.5	30-150		20.9	30	
gamma-BHC (Lindane)	0.0238	0.00167	"	0.0337	ND	70.6	30-150		13.5	30	
gamma-Chlordane	0.0562	0.00167	"	0.0337	0.0349	63.1	30-150		13.1	30	
Heptachlor	0.0229	0.00167	"	0.0337	ND	68.0	30-150		16.6	30	
Heptachlor epoxide	0.0300	0.00167	"	0.0337	0.00540	72.9	30-150		13.4	30	
Methoxychlor	0.0228	0.00167	"	0.0337	ND	67.5	30-150		14.4	30	
Surrogate: Decachlorobiphenyl	*0.0218*		*"*	*0.0674*		*32.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0510*		*"*	*0.0674*		*75.7*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41685 - EPA 3550C											
Blank (BJ41685-BLK2) Blank								Prepared: 10/24/2024 Analyzed: 10/25/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0674*		"	*0.0664*		*102*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0462*		"	*0.0664*		*69.5*	*30-120*				
LCS (BJ41685-BS2) LCS								Prepared: 10/24/2024 Analyzed: 10/25/2024			
Aroclor 1016	0.315	0.0166	mg/kg wet	0.332		94.8	40-130				
Aroclor 1260	0.315	0.0166	"	0.332		94.9	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0757*		"	*0.0664*		*114*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0502*		"	*0.0664*		*75.5*	*30-120*				
Matrix Spike (BJ41685-MS2) Matrix Spike *Source sample: 24J1570-16 (Comp01_102324)								Prepared: 10/24/2024 Analyzed: 10/25/2024			
Aroclor 1016	0.127	0.0168	mg/kg dry	0.337	ND	37.6	40-140	Low Bias			
Aroclor 1260	0.191	0.0168	"	0.337	ND	56.6	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0509*		"	*0.0674*		*75.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0330*		"	*0.0674*		*49.0*	*30-120*				
Matrix Spike Dup (BJ41685-M Matrix Spike Dup *Source sample: 24J1570-16 (Comp01_102324)								Prepared: 10/24/2024 Analyzed: 10/25/2024			
Aroclor 1016	0.0744	0.0168	mg/kg dry	0.337	ND	22.1	40-140	Low Bias	52.0	50	Non-dir.
Aroclor 1260	0.145	0.0168	"	0.337	ND	43.1	40-140		27.0	50	
Surrogate: Tetrachloro-m-xylene	*0.0401*		"	*0.0674*		*59.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0249*		"	*0.0674*		*37.0*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41709 - EPA 3050B											
Blank (BJ41709-BLK1) Blank									Prepared & Analyzed: 10/25/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BJ41709-SRM1) Reference									Prepared & Analyzed: 10/25/2024		
Aluminum	6070	4.17	mg/kg wet	7680		79.0	35.7-119				
Antimony	64.4	2.08	"	244		26.4	0-99.5				
Arsenic	227	1.25	"	283		80.2	69.9-101.4				
Barium	300	2.08	"	326		92.1	73.9-107.1				
Beryllium	151	0.042	"	175		86.2	75.4-107.4				
Cadmium	77.8	0.250	"	95.8		81.2	72.3-103.7				
Calcium	5120	4.17	"	5470		93.7	79.5-113.2				
Chromium	202	0.417	"	239		84.6	72.4-106.3				
Cobalt	132	0.333	"	150		88.2	76-107.3				
Copper	191	1.67	"	217		88.2	74.7-105.1				
Iron	6230	20.8	"	7360		84.6	53-127.9				
Lead	179	0.417	"	210		85.2	75.7-109.5				
Magnesium	1750	4.17	"	2080		84.3	67.3-111.1				
Manganese	245	0.417	"	290		84.3	73.4-108.3				
Nickel	292	0.830	"	329		88.8	74.5-106.7				
Potassium	2030	4.17	"	2330		87.0	60.9-111.6				
Selenium	252	2.08	"	281		89.8	77.6-116.7				
Silver	71.2	0.420	"	82.7		86.1	73.7-111.7				
Sodium	371	41.7	"	427		86.9	71.2-118.7				
Thallium	103	2.08	"	123		84.1	70.2-104.8				
Vanadium	159	0.830	"	192		82.9	68.8-107.8				
Zinc	227	2.08	"	260		87.5	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41664 - EPA 7473 soil											
Blank (BJ41664-BLK1) Blank									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BJ41664-SRM1) Reference									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Mercury	18.212		mg/kg	18.2		100	59.9-140.1				
Batch BJ41766 - EPA 7473 soil											
Blank (BJ41766-BLK1) Blank									Prepared: 10/25/2024 Analyzed: 10/26/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BJ41766-SRM1) Reference									Prepared: 10/25/2024 Analyzed: 10/26/2024		
Mercury	23.101		mg/kg	18.2		127	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41923 - % Solids Prep											
Duplicate (BJ41923-DUP1) Duplicate	*Source sample: 24J1570-01 (Grab01_102324)								Prepared & Analyzed: 10/28/2024		
% Solids	95.8	0.100	%		95.9				0.0966	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J1570-01	Grab01_102324	40mL Vial with Stir Bar-Cool 4° C
24J1570-02	Grab02_102324	40mL Vial with Stir Bar-Cool 4° C
24J1570-03	Grab03_102324	40mL Vial with Stir Bar-Cool 4° C
24J1570-04	Grab04_102324	40mL Vial with Stir Bar-Cool 4° C
24J1570-05	Grab05_102324	40mL Vial with Stir Bar-Cool 4° C
24J1570-06	Grab06_102324	40mL Vial with Stir Bar-Cool 4° C
24J1570-07	Grab07_102324	40mL Vial with Stir Bar-Cool 4° C
24J1570-08	Grab08_102324	40mL Vial with Stir Bar-Cool 4° C
24J1570-09	Grab09_102324	40mL Vial with Stir Bar-Cool 4° C
24J1570-10	Grab10_102324	40mL Vial with Stir Bar-Cool 4° C
24J1570-11	Grab11_102324	40mL Vial with Stir Bar-Cool 4° C
24J1570-12	Grab12_102324	40mL Vial with Stir Bar-Cool 4° C
24J1570-13	Grab13_102324	40mL Vial with Stir Bar-Cool 4° C
24J1570-14	Grab14_102324	40mL Vial with Stir Bar-Cool 4° C
24J1570-15	Grab15_102324	40mL Vial with Stir Bar-Cool 4° C
24J1570-22	TB_102324	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24J1570

Page 1 of 2

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 200 Linden Dr Parsippany NJ 07054	Address: SAME
Phone: 973-560-4900	Phone:
Contact: Lauren Koff	Contact:
E-mail: lkoff@langan.com	E-mail:

YOUR Project Name / Number: 12096 Flatlands

PO Number: 10688804

Samples Collected From: NY X, NJ, CT, PA, Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day X; RUSH - Five Day; Standard (6-9 Day); PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

KHOA NGUYEN

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: DI	VOCs	Grab or Comp. G/C
Grab01_102324	10/23/24	12:20	SO	1		1							2	X	G
Grab02_102324		12:30												X	
Grab03_102324		12:40												X	
Grab04_102324		13:10												X	
Grab05_102324		13:15												X	
Grab06_102324		13:50												X	
Grab07_102324		13:55												X	
Grab08_102324		14:00												X	
Grab09_102324		14:20												X	
Grab10_102324		14:25												X	
Grab11_102324		14:45												X	
Grab12_102324		14:50												X	
Grab13_102324		14:55												X	
Grab14_102324		15:15												X	
Grab15_102324		15:20												X	

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered; Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	10/23/24 17:35		10/23/24 17:35 6.2		10/23/24 18:00
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Afraz Habib	10/23/24 18:00	Afraz Habib	10/23/24 21:00		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				Amaro	10/23/24 21:00 3.2 degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24J1570

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 kimball dr Parsippany NJ, 07054	Address: SAME
Phone.: 973-560-7900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: lkott@langan.com	E-mail:

YOUR Project Name / Number: 12096 Flatlands

PO Number: 100688804

Samples Collected From: NY X, NJ, CT, PA, Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Khoa NGUYEN

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil
Other

Preservative (please list number of containers)

Analyses Requested

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day: X
- RUSH - Five Day
- Standard (6-9 Day)
- PFAS Standard 7-10 Day

Report Type (circle)

- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)

- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative

Compared to the following Regulation(s): (please fill in)

- Field Filtered
- Lab Filtered

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	SVOCs, PCBs, TAL, PFAS, pesticides	VOC	Grab or Comp.
COMP01 - 102324	10/23/24	12:50	SO	2										X		C
COMP02 - 102324		13:20												X		
COMP03 - 102324		14:05												X		
COMP04 - 102324		14:30												X		
COMP05 - 102324		15:00												X		
COMP06 - 102324		15:25			2										X	
~~FB_102324~~ TB_102324																

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
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2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Abraz Habib	10/23/24 18:00	Abraz Habib	10/23/24 21:00		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				Mavaro	10/23/24 21:00 3.2 Degrees C